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CGPSC SO

Previous Year Paper
(Botany)
09 Jul, 2017



Chhattisgarh Public Service Commission

Notations :

1. Options shown in **green** color and with **✓** icon are correct.
2. Options shown in **red** color and with **✗** icon are incorrect.

Question Paper Name:	Scientific Officer Botany or Pharmacognosy
Subject Name:	Scientific Officer Botany or Pharmacognosy
Duration:	180
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No

	General Knowledge
Group Maximum Duration :	60
Group Minimum Duration :	60
Revisit allowed for view? :	No
Revisit allowed for edit? :	No

	General Knowledge
Mandatory or Optional:	Mandatory
Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 6964711 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The merchants of which of the following places of the Harappan Civilization are reported to be living in Mesopotamia in early Mesopotamian literature?

Options :

1. **✓** Meluhha
2. **✗** Balakot
3. **✗** Lothal
4. **✗** Chanhudaro
5. **✗** None of these

Question Number : 1 Question Id : 6964711 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

प्राचीन मेसोपोटामियन साहित्य में हड्प्पा सभ्यता के निम्नलिखित में से किस स्थान के व्यापारी मेसोपोटामिया में निवासरत थे?

Options :

1. मेलुहा
2. बालाकोट
3. लोथल
4. चन्हूटड़ो
5. इनमें से कोई नहीं

Question Number : 2 Question Id : 6964712 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following Gods became prominent in the Later Vedic period?

1. Prajapati
2. Rudra
3. Indra
4. Vishnu

Options :

1. 1, 2 and 3
2. 2, 3 and 4
3. 1, 2 and 4
4. 1, 3 and 4
5. 1, 2, 3 and 4

Question Number : 2 Question Id : 6964712 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

उत्तर-वैदिक काल में निम्नलिखित में से किन देवताओं को ख्याति प्राप्त थी?

1. प्रजापति
2. रुद्र
3. इन्द्र
4. विष्णु

Options :

1. 1, 2 एवं 3
2. 2, 3 एवं 4



3. ✓ 1, 2 एवं 4

4. ✗ 1, 3 एवं 4

5. ✗ 1, 2, 3 एवं 4

Question Number : 3 Question Id : 6964713 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following pairs (post – Gupta dynasty and its capital) is correctly matched?

Options :

1. ✗ Aulikara dynasty – Ujjain

2. ✓ Maukhari dynasty – Kannauj

3. ✗ Pushyabhuti dynasty – Vallabhi

4. ✗ Pallava dynasty – Badami

5. ✗ Pandya dynasty – Kanchi

Question Number : 3 Question Id : 6964713 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन-सी जोड़ी (गुप्तोत्तर कालीन राजवंश और उसकी राजधानी) सुमेलित है?

Options :

1. ✗ औलीकर वंश - उज्जैन

2. ✓ मौखरी वंश - कन्नौज

3. ✗ पुष्यभूति वंश - वल्लभी

4. ✗ पल्लव वंश - बदामी

5. ✗ पाण्ड्य वंश - कांची

Question Number : 4 Question Id : 6964714 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the correct statement(s) from the following:

1. Mahmud of Ghazni invaded India seventeen times.
2. His first invasion was on Somnath Temple.
3. He looted and carried away enormous wealth from India.

Options :

1. ✗ Only 1 is correct.

2. ✗ 1 and 2 are correct.

3. ✗ 2 and 3 are correct.

4. ✓ 1 and 3 are correct.

5. * 1, 2 and 3 are correct.

Question Number : 4 Question Id : 6964714 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से सही कथन चुनिये।

1. महमूद गजनवी ने भारत पर सबह बार आक्रमण किया।
2. उसका प्रथम आक्रमण सोमनाथ मंदिर पर हुआ।
3. वह भारत से विशाल सम्पत्ति लूटकर ले गया।

Options :

1. * केवल 1 सही है।
2. * 1 एवं 2 सही है।
3. * 2 एवं 3 सही है।
4. ✓ 1 एवं 3 सही है।
5. * 1, 2, एवं 3 सही है।

Question Number : 5 Question Id : 6964715 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Match List-1 (Architecture of sultanate period) with List-2 (Places).

List-1	List-2
A. Alai Darwaza	1. Mandu
B. Atala Masjid	2. Jaunpur
C. Jahaz Mahal	3. Pandua
D. Adina Masjid	4. Delhi

Options :

1. * A-4, B-1, C-2, D-3
2. * A-4, B-3, C-1, D-2
3. * A-4, B-2, C-3, D-1
4. ✓ A-4, B-2, C-1, D-3
5. * A-4, B-3, C-2, D-1

Question Number : 5 Question Id : 6964715 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

सूची 1 (सलतनत कालीन स्थापत्य) को सूची 2 (स्थानों) से सुमेलित कीजिये-

सूची-1	सूची-2
A. अलाई दरवाजा	1. मांडू
B. अटाला मस्जिद	2. जौनपुर
C. जहाज़ महल	3. पंडुआ
D. अदीना मस्जिद	4. दिल्ली

Options :

1. ✗ A-4, B-1, C-2, D-3
2. ✗ A-4, B-3, C-1, D-2
3. ✗ A-4, B-2, C-3, D-1
4. ✓ A-4, B-2, C-1, D-3
5. ✗ A-4, B-3, C-2, D-1

Question Number : 6 Question Id : 6964716 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who amongst the following delivered the famous 'Steel Frame' Speech regarding Indian Civil Services?

Options :

1. ✗ Winston Churchill
2. ✗ Lord Linlithgow
3. ✗ Lord Reading
4. ✓ Lloyd George
5. ✗ Lord Irwin

Question Number : 6 Question Id : 6964716 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

भारतीय सिविल सेवा के सम्बन्ध में प्रसिद्ध 'स्टील फ्रेम' भाषण निम्नलिखित में से किसने दिया था?

Options :

1. ✗ विंस्टन चर्चिल
2. ✗ लार्ड लिनलिथगो
3. ✗ लार्ड रीडिंग
4. ✓ लायड जार्ज
5. ✗ लार्ड इरविन

Question Number : 7 Question Id : 6964717 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who amongst the following had helped Motilal Nehru the most in preparing the 'Nehru Report'?

Options :

1. ✗ Maulana Abul Kalam Azad
2. ✗ Vallabh Bhai Patel
3. ✗ Jawaharlal Nehru
4. ✓ Tej Bahadur Sapru
5. ✗ Subhash Chandra Bose

Question Number : 7 Question Id : 6964717 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से किसने नेहरू रिपोर्ट तैयार करने में मोतीलाल नेहरू की सर्वाधिक सहायता की थी?

Options :

1. ✗ मौलाना अबुल कलाम आजाद
2. ✗ वल्लभ भाई पटेल
3. ✗ जवाहरलाल नेहरू
4. ✓ तेज बहादुर सप्रू
5. ✗ सुभाष चन्द्र बोस

Question Number : 8 Question Id : 6964718 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statements is/are correct?

1. Kalchuri administration in Chhattisgarh was monarchic.
2. The King was supported by 'amatyas' in administration.
3. 'Pradhan' was the in charge of village administration.

Options :

1. ✗ Only 1 is correct.
2. ✓ 1 and 2 are correct.
3. ✗ 2 and 3 are correct.
4. ✗ 1 and 3 are correct.
5. ✗ 1, 2 and 3 are correct.

Question Number : 8 Question Id : 6964718 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन सा/से कथन सही है?

1. छत्तीसगढ़ में कलचुरि प्रशासन राजतंत्रात्मक था।
2. प्रशासन में राजा को 'अमात्यों' की सहायता प्राप्त थी।
3. गांव के प्रशासन का प्रमुख 'प्रधान' होता था।

Options :

1. ✗ केवल 1 सही है।
2. ✓ 1 एवं 2 सही हैं।
3. ✗ 2 एवं 3 सही हैं।
4. ✗ 1 एवं 3 सही हैं।
5. ✗ 1, 2 एवं 3 सही हैं।

Question Number : 9 Question Id : 6964719 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following persons of the Bhosla dynasty of Nagpur became the rulers of Chhattisgarh from 1758 to 1811?

1. Mudhoji
2. Bimbaji
3. Chimnaji
4. Vyankoji

Options :

1. ✗ 1, 2 and 3
2. ✓ 2, 3 and 4
3. ✗ 1, 2 and 4
4. ✗ 1, 3 and 4
5. ✗ 1, 2, 3 and 4

Question Number : 9 Question Id : 6964719 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

नागपुर के भोसला वंश के निम्नलिखित में से कौन से व्यक्ति 1758 से 1811 तक छत्तीसगढ़ के शासक रहे?

1. मुधोजी
2. बिम्बाजी
3. चिमणाजी
4. व्यंकोजी

Options :

1. ✗ 1, 2 एवं 3
2. ✓ 2, 3 एवं 4
3. ✗ 1, 2 एवं 4



4. ✗ 1, 3 एवं 4

5. ✗ 1, 2, 3 एवं 4

Question Number : 10 Question Id : 69647110 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Match List-1 (Tribal revolts in Chhattisgarh during Maratha period) with List-2 (Years).

List-1	List-2
A. Tarapur Revolt	1. 1774-77
B. Halba Revolt	2. 1824-25
C. Meria Revolt	3. 1842-54
D. Paralkot Revolt	4. 1842-63

Options :

1. ✗ A-1, B-3, C-2, D-4

2. ✗ A-2, B-1, C-3, D-4

3. ✗ A-3, B-2, C-4, D-1

4. ✓ A-3, B-1, C-4, D-2

5. ✗ A-4, B-3, C-2, D-1

Question Number : 10 Question Id : 69647110 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

सूची 1 (छत्तीसगढ़ में मराठा काल में हुए जनजातीय विद्रोह) को सूची 2 (वर्षों) से सुमेलित कीजिये-

सूची-1	सूची-2
A. तारापुर विद्रोह	1. 1774-77
B. हल्बा विद्रोह	2. 1824-25
C. मेरिया विद्रोह	3. 1842-54
D. परलकोट विद्रोह	4. 1842-63

Options :

1. ✗ A-1, B-3, C-2, D-4

2. ✗ A-2, B-1, C-3, D-4

3. ✗ A-3, B-2, C-4, D-1

4. ✓ A-3, B-1, C-4, D-2

5. ✗ A-4, B-3, C-2, D-1

Question Number : 11 Question Id : 69647111 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statements is/are correct?

1. Chhattisgarh was made a Division of the Central Provinces in 1862.
2. Deputy Commissioner was appointed in each district of Chhattisgarh.
3. All the Zamindaris of Chhattisgarh were granted the status of feudatory state.

Options :

1. ✗ Only 1 is correct.
2. ✗ 1 and 2 are correct.
3. ✗ 2 and 3 are correct.
4. ✗ 1 and 3 are correct.
5. ✗ 1, 2 and 3 are correct.

Question Number : 11 Question Id : 69647111 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन सा/से कथन सही है?

1. छत्तीसगढ़ को 1862 में मध्यप्रांत का एक संभाग बनाया गया।
2. छत्तीसगढ़ के प्रत्येक जिले में डिप्टी कमिश्नर नियुक्त किये गये।
3. छत्तीसगढ़ की समस्त जमीदारियों को करद राज्य का दर्जा दिया गया।

Options :

1. ✗ केवल 1 सही है।
2. ✗ 1 एवं 2 सही हैं।
3. ✗ 2 एवं 3 सही हैं।
4. ✗ 1 एवं 3 सही हैं।
5. ✗ 1, 2 एवं 3 सही हैं।

Question Number : 12 Question Id : 69647112 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Match List-1 (Forest Satyagrahas in Chhattisgarh) with List-2 (Dates).

List-1	List-2
A. Rudri Nawagaon	1. June 1930
B. Mohabana	2. July 1930
C. Tamora	3. August 1930
D. Gattasilli	4. September 1930

Options :

1. ✗ A-1, B-3, C-4, D-2
2. ✗ A-2, B-1, C-3, D-4
3. ✗ A-3, B-2, C-4, D-1

4. ✗ A-3, B-4, C-2, D-1

5. ✗ A-4, B-1, C-2, D-3

Question Number : 12 Question Id : 69647112 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

सूची 1 (छत्तीसगढ़ में हुए जंगल सत्याग्रह) को सूची 2 (तिथि) से सुमेलित कीजिये।

सूची-1	सूची-2
A. रुद्री नवागांव	1. जून 1930
B. मोहबना	2. जुलाई 1930
C. तमोरा	3. अगस्त 1930
D. गट्टासिल्ली	4. सितंबर 1930

Options :

1. ✗ A-1, B-3, C-4, D-2

2. ✗ A-2, B-1, C-3, D-4

3. ✓ A-3, B-2, C-4, D-1

4. ✗ A-3, B-4, C-2, D-1

5. ✗ A-4, B-1, C-2, D-3

Question Number : 13 Question Id : 69647113 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following pairs (Tribal Revolt in Chhattisgarh during British period and its leader) is correctly matched?

Options :

1. ✗ Koi Revolt of Bastar, 1859 – Jugga Dorla

2. ✗ Muria Revolt of Bastar, 1876 – Jhada Sirha

3. ✓ Bhumkal of Bastar, 1910 – Bhairam Dev

4. ✗ Oraon Revolt of Sarguja, 1918 – Somsai

5. ✗ Gond Revolt of Koriya, 1932 – Budhsingh

Question Number : 13 Question Id : 69647113 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन सी जोड़ी (छत्तीसगढ़ में ब्रिटिश काल का जनजातीय विद्रोह एवं उसका नेता) सुमेलित है?

Options :

1. ✗ बस्तर का कोई विद्रोह, 1859 - जुग्गा दोरला

2. ✗ बस्तर का मुरिया विद्रोह, 1876 - झाडा सिरहा



3. ✓ बस्तर का भूमकाल, 1910 - भैरम देव

4. ✗ सरगुजा का उरांव विद्रोह, 1918 - सोमसाय

5. ✗ कोरिया का गोंड विद्रोह, 1932 - बुधसिंह

Question Number : 14 Question Id : 69647114 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following pairs (social / political organization of C.G. and person) is correctly matched?

Options :

1. ✗ Desh – Sevak Samaj, Pendra 1898 – Madhav Rao Sapre

2. ✗ Chhattisgarh Kisan Sabha, Bilaspur 1900 – Kunj Biharilal Agnihotri

3. ✗ Sarva – Seva Samiti, Janjgir 1904 – Thakur Chhedilal

4. ✓ Sammitra Mandal, Rajim 1906 – Pt. Sunderlal Sharma

5. ✗ Navayuwak Mandal, Dhamtari 1906 – Chhotelal Shrivastava

Question Number : 14 Question Id : 69647114 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन सी जोड़ी (छ.ग. का सामाजिक/राजनीतिक संगठन एवं व्यक्ति) सुमेलित है?

Options :

1. ✗ देश सेवक समाज, पेण्ड्रा 1898 - माधव राव सप्रे

2. ✗ छत्तीसगढ़ किसान सभा, बिलासपुर 1900 - कुंजबिहारीलाल अग्निहोत्री

3. ✗ सर्व-सेवा समिति, जांजगीर 1904 - ठाकुर छेदीलाल

4. ✓ सम्मित्र मंडल, राजिम 1906 - पं. सुन्दर लाल शर्मा

5. ✗ नवयुवक मंडल, धमतरी 1906 - छोटेलाल श्रीवास्तव

Question Number : 15 Question Id : 69647115 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is the most recent mountain range in India?

Options :

1. ✗ The Aravallis

2. ✗ The Vindhya range

3. ✓ The Himalayas

4. ✗ The Satpura range

5. ✗ None of these

Question Number : 15 Question Id : 69647115 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से भारत में नवीनतम पर्वत श्रेणी कौन सी है?

Options :

1. ✗ अरावली
2. ✗ विन्ध्याचल श्रेणी
3. ✓ हिमालय
4. ✗ सतपुड़ा श्रेणी
5. ✗ इनमें से कोई नहीं

Question Number : 16 Question Id : 69647116 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which of the following states the 'Simlipal' biosphere is located?

Options :

1. ✓ Odisha
2. ✗ Chhattisgarh
3. ✗ Jharkhand
4. ✗ Uttarakhand
5. ✗ None of these

Question Number : 16 Question Id : 69647116 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

'सिमिलीपाल' बायोस्फीयर निम्नलिखित में से किस राज्य में स्थित है?

Options :

1. ✓ ओडिशा
2. ✗ छत्तीसगढ़
3. ✗ झारखण्ड
4. ✗ उत्तराखण्ड
5. ✗ इनमें से कोई नहीं

Question Number : 17 Question Id : 69647117 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is the correct meaning of 'sex ratio' in India?

Options :

1. ✓ Number of females per thousand males.

2. ✘ Number of males per thousand females.
3. ✘ Number of males per thousand adult females.
4. ✘ Number of girl children per thousand male children.
5. ✘ None of these

Question Number : 17 Question Id : 69647117 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

भारत में निम्नलिखित में से 'लिंगानुपात' का सही अभिप्राय कौन सा है?

Options :

1. ✓ प्रति हजार पुरुषों पर स्त्रीयों की संख्या
2. ✘ प्रति हजार स्त्रीयों पर पुरुषों की संख्या
3. ✘ प्रति हजार वयस्क स्त्रीयों पर पुरुषों की संख्या
4. ✘ प्रति हजार लड़कों पर लड़कियों की संख्या
5. ✘ इनमें से कोई नहीं

Question Number : 18 Question Id : 69647118 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which of the following states is the Kolleru lake located?

Options :

1. ✘ Odisha
2. ✓ Andhra Pradesh
3. ✘ Telangana
4. ✘ Kerala
5. ✘ None of the above

Question Number : 18 Question Id : 69647118 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

कोल्लेरु झील निम्नलिखित में से किस राज्य में स्थित है?

Options :

1. ✘ ओडिशा
2. ✓ आंध्र प्रदेश
3. ✘ तेलंगाना
4. ✘ केरल
5. ✘ उपरोक्त में से कोई नहीं

Question Number : 19 Question Id : 69647119 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Match List-I with List-II and select the correct answer using the codes given below.

List-I (Rivers)	List-II (Tributaries)
a. Krishana	1. Chambal
b. Brahmaputra	2. Indravati
c. Godavari	3. Tista
d. Yamuna	4. Bhina

Options :

1. ✓ a-4, b-3, c-2, d-1
2. ✗ a-3, b-4, c-1, d-2
3. ✗ a-4, b-3, c-1, d-2
4. ✗ a-3, b-4, c-2, d-1
5. ✗ None of the above

Question Number : 19 Question Id : 69647119 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित सूची-I को सूची-II से सुमेलित कीजिए तथा उनके नीचे दिये कोड की मदद से सही उत्तर चुनिए।

सूची-I (नदीयां)	सूची-II (सहायक नदीयां)
a. कृष्णा	1. चम्बल
b. ब्रह्मपुत्र	2. इन्द्रावती
c. गोदावरी	3. तिस्ता
d. यमुना	4. भीना

Options :

1. ✓ a-4, b-3, c-2, d-1
2. ✗ a-3, b-4, c-1, d-2
3. ✗ a-4, b-3, c-1, d-2
4. ✗ a-3, b-4, c-2, d-1
5. ✗ उपरोक्त में से कोई नहीं

Question Number : 20 Question Id : 69647120 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which of the following groups, districts of highest and lowest density of population in 2011 are noted?

Options :

1. ✗ Janjgir Champa – Dantewada
2. ✗ Durg – Narayanpur

- 3. ✗ Raipur – Dantewada
- 4. ✗ Durg – Bijapur
- 5. ✓ None of the above

Question Number : 20 Question Id : 69647120 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित किस समूह में, वर्ष 2011 के अधिकतम और न्यूनतम जनसंख्या घनत्व वाले जिले अंकित हैं?

Options :

- 1. ✗ जांजगीर चांपा - दन्तेवाड़ा
- 2. ✗ दुर्ग - नारायणपुर
- 3. ✗ रायपुर - दन्तेवाड़ा
- 4. ✗ दुर्ग - बीजापुर
- 5. ✓ उपरोक्त में से कोई नहीं

Question Number : 21 Question Id : 69647121 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which district of Chhattisgarh the Hasdeo barrage is located?

Options :

- 1. ✗ Janjgir – Champa
- 2. ✗ Surajpur
- 3. ✓ Korba
- 4. ✗ Bilaspur
- 5. ✗ None of the above

Question Number : 21 Question Id : 69647121 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

हसदेव बराज छत्तीसगढ़ के किस जिले में स्थित है?

Options :

- 1. ✗ जांजगीर-चांपा
- 2. ✗ सूरजपुर
- 3. ✓ कोरबा
- 4. ✗ बिलासपुर
- 5. ✗ उपरोक्त में से कोई नहीं

Question Number : 22 Question Id : 69647122 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following parts of Chhattisgarh is composed of oldest rock formation?

Options :

1. ✘ Hasdeo – Rampur Basin
2. ✘ Raipur upland
3. ✓ Bailadila hills
4. ✘ Surguja basin
5. ✘ None of the above

Question Number : 22 Question Id : 69647122 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ के निम्नलिखित भागों में कौन सा सबसे पुरातन शैलों से बना है?

Options :

1. ✘ हसदेव-रामपुर बेसिन
2. ✘ रायपुर उच्चभूमि
3. ✓ बैलाडीला की पहाड़ियां
4. ✘ सरगुजा बेसिन
5. ✘ उपरोक्त में से कोई नहीं

Question Number : 23 Question Id : 69647123 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which Article of Indian Constitution prohibits 'Begar and forced labour' and declares it an offence?

Options :

1. ✘ Article 21
2. ✘ Article 22
3. ✓ Article 23
4. ✘ Article 24
5. ✘ None of these

Question Number : 23 Question Id : 69647123 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

भारतीय संविधान का कौन-सा अनुच्छेद "बेगार और बलात् श्रम" को प्रतिबिद्ध करता है तथा उसे अपराध घोषित करता है?

Options :

1. ✘ अनुच्छेद 21

2. ✗ अनुच्छेद 22
3. ✓ अनुच्छेद 23
4. ✗ अनुच्छेद 24
5. ✗ इनमें से कोई नहीं

Question Number : 24 Question Id : 69647124 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Any political party in India can be recognised as national party if it has state party status in at least:

Options :

1. ✗ Three states
2. ✓ Four states
3. ✗ Five states
4. ✗ Seven states
5. ✗ None of the above

Question Number : 24 Question Id : 69647124 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

भारत में कोई भी राजनीतिक दल राष्ट्रीय दल के रूप में मान्यता प्राप्त कर सकता है, यदि वह राज्य स्तर का दल है कम से कम:

Options :

1. ✗ तीन राज्यों में
2. ✓ चार राज्यों में
3. ✗ पांच राज्यों में
4. ✗ सात राज्यों में
5. ✗ उपर्युक्त में से कोई नहीं

Question Number : 25 Question Id : 69647125 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Adhoc judges are appointed in the supreme court when:

Options :

1. ✗ Some judges go on long leave
2. ✓ There is no quorum of the Judges available to hold any session of the court
3. ✗ No one is available for permanent appointment
4. ✗ There is an abnormal increase in cases pending before the court
5. ✗ None of the above

Question Number : 25 Question Id : 69647125 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

सर्वोच्च न्यायालय में तदर्थ न्यायाधीशों की नियुक्ति होती है जब:

Options :

1. ✗ कतिपय न्यायाधीश दीर्घकालीन अवकाश पर जाते हैं
2. ✓ न्यायालय के किसी सत्र के लिए न्यायाधीशों की गणपूर्ति नहीं होती
3. ✗ स्थायी नियुक्ति के लिए कोई उपलब्ध नहीं होता
4. ✗ न्यायालय के समक्ष लम्बित वादों में असाधारण वृद्धि होती है
5. ✗ उपर्युक्त में से कोई नहीं

Question Number : 26 Question Id : 69647126 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The seating of the House of the people may be terminated by:

Options :

1. ✗ Adjournment
2. ✗ Prorogation
3. ✗ Dissolution
4. ✓ All of the above
5. ✗ None of the above

Question Number : 26 Question Id : 69647126 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

लोकसभा की बैठक समाप्त की जा सकती है:

Options :

1. ✗ स्थगन द्वारा
2. ✗ सत्रावसान द्वारा
3. ✗ विघटन द्वारा
4. ✓ उपर्युक्त में से सभी
5. ✗ उपरोक्त में से कोई नहीं

Question Number : 27 Question Id : 69647127 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The first 'Official Languages Commission' under the provision of Article 344 of the Indian constitution was set up in:

Options :

1. ✗ 1950 with K. M. Munshi as Chairman.
2. ✓ 1955 with B. G. Kher as Chairman.
3. ✗ 1960 with M. C. Chhagla as Chairman.
4. ✗ 1965 with Humayun Kabir as Chairman.
5. ✗ None of the above

Question Number : 27 Question Id : 69647127 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

भारतीय संविधान के अनुच्छेद 344 के अन्तर्गत प्रथम 'राजकीय भाषा आयोग' का गठन हुआ था:

Options :

1. ✗ 1950 में के.एम.मुंशी की अध्यक्षता में
2. ✓ 1955 में बी.जी.खेर की अध्यक्षता में
3. ✗ 1960 में एम.सी.छागला की अध्यक्षता में
4. ✗ 1965 में हुमायूं कबीर की अध्यक्षता में
5. ✗ उपर्युक्त में से कोई नहीं

Question Number : 28 Question Id : 69647128 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statements is/are correct?

- (i) For the election of Panch, candidate submits an affidavit with nomination form.
- (ii) For the election of Panch, candidate submits a self-declaration with nomination form.
- (iii) For the election of Panch, candidate has no need to submit an affidavit or self-declaration.
- (iv) For the election of Sarpanch, candidate submits an affidavit with nomination form.
- (v) For the election of Sarpanch, candidate submits a self-declaration with nomination form.
- (vi) For the election of Sarpanch, candidate has no need to submit an affidavit or self-declaration.

Options :

1. ✗ (i) and (iv)
2. ✓ (iii) and (v)
3. ✗ (ii) and (vi)
4. ✗ (ii) and (v)
5. ✗ (iii) and (iv)

Question Number : 28 Question Id : 69647128 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन सा/से कथन सही है?

- (i) पंच के निर्वाचन के लिए अभ्यर्थी नामांकन पत्र के साथ एक शपथपत्र प्रस्तुत करता है।
- (ii) पंच के निर्वाचन के लिए अभ्यर्थी नामांकन पत्र के साथ एक स्वघोषणापत्र प्रस्तुत करता है।
- (iii) पंच के निर्वाचन के लिए अभ्यर्थी को नामांकन पत्र के साथ शपथपत्र या स्वघोषणापत्र प्रस्तुत करने की आवश्यकता नहीं होती।
- (iv) सरपंच के निर्वाचन के लिए अभ्यर्थी नामांकन पत्र के साथ शपथपत्र प्रस्तुत करता है।
- (v) सरपंच के निर्वाचन के लिए अभ्यर्थी नामांकन पत्र के साथ स्वघोषणापत्र प्रस्तुत करता है।
- (vi) सरपंच के निर्वाचन के लिए अभ्यर्थी को नामांकन पत्र के साथ शपथपत्र या स्वघोषणापत्र प्रस्तुत करने की आवश्यकता नहीं होती।

Options :

- 1. ✗ (i) एवं (iv)
- 2. ✗ (iii) एवं (v)
- 3. ✗ (ii) एवं (vi)
- 4. ✗ (ii) एवं (v)
- 5. ✗ (iii) एवं (iv)

Question Number : 29 Question Id : 69647129 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statements is/are correct about the recall of President of Municipal Council?

- (i) It should be passed by 3/4 members of council.
- (ii) It should be signed by 3/4 elected councilors.
- (iii) Such resolution shall be sent to collector and collector will refer to the state Govt.
- (iv) Collector will notify for voting for recall.
- (v) The election commission will notify for voting.
- (vi) If 2/3 voters are in favour of resolution, President will be recalled from his office.
- (vii) If more than half voters are in the favour of resolution, president will be recalled from his office.

Options :

- 1. ✗ (i), (iii), (v) and (vii)
- 2. ✗ (ii), (iv), (vi) and (vii)
- 3. ✗ (i), (iii), (iv) and (vi)
- 4. ✗ (ii), (iii), (v) and (vii)
- 5. ✗ None of the above

Question Number : 29 Question Id : 69647129 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

नगरपालिका परिषद के अध्यक्ष के प्रत्यावर्तन के विषय में निम्न में से कौन सा/से कथन सही है?

- (i) यह परिषद के 3/4 सदस्यों द्वारा पारित किया जाना चाहिए।
- (ii) यह परिषद के 3/4 निर्वाचित पार्षदों द्वारा हस्ताक्षरित होना चाहिए।
- (iii) ऐसा प्रस्ताव कलेक्टर के पास भेजा जाएगा और कलेक्टर उसे राज्य शासन के पास भेजेगा।
- (iv) कलेक्टर प्रत्यावर्तन हेतु मतदान की अधिसूचना जारी करेगा।
- (v) निर्वाचन आयोग मतदान की अधिसूचना जारी करेगा।
- (vi) यदि प्रस्ताव के पक्ष में 2/3 मतदाता हों तो अध्यक्ष अपने पद से प्रत्यावर्तित हो जाएगा।
- (vii) यदि प्रस्ताव के पक्ष में आधे से अधिक मतदाता हों तो अध्यक्ष अपने पद से प्रत्यावर्तित हो जाएगा।

Options :

1. ✗ (i), (iii), (v) एवं (vii)
2. ✗ (ii), (iv), (vi) एवं (vii)
3. ✗ (i), (iii), (iv) एवं (vi)
4. ✓ (ii), (iii), (v) एवं (vii)
5. ✗ उपर्युक्त में से कोई नहीं

Question Number : 30 Question Id : 69647130 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A nomination form for the election of Sarpanch may be declared invalid if:

- (i) Self-declaration is not attached with nomination form.
- (ii) Affidavit is not attached with nomination form.
- (iii) Security Deposit is not paid cash with nomination form.
- (iv) It is not signed by Panchayat Secretary.

Options :

1. ✓ (i) and (iii)
2. ✗ (ii) and (iii)
3. ✗ (i) and (iv)
4. ✗ (ii) and (iv)
5. ✗ (i) and (ii)

Question Number : 30 Question Id : 69647130 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

सरपंच के चुनाव में एक नामांकन पत्र अवैध घोषित किया जा सकता है, यदि:

- (i) नामांकन पत्र के साथ स्वघोषणा पत्र संलग्न न हो।
- (ii) नामांकन पत्र के साथ शपथपत्र संलग्न न हो।
- (iii) नामांकन पत्र के साथ प्रतिभूति निक्षेप नगद जमा न किया गया हो।
- (iv) इस पर पंचायत सचिव के हस्ताक्षर न हों।

Options :

- 1. ✓ (i) एवं (iii)
- 2. ✗ (ii) एवं (iii)
- 3. ✗ (i) एवं (iv)
- 4. ✗ (ii) एवं (iv)
- 5. ✗ (i) एवं (ii)

Question Number : 31 Question Id : 69647131 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is NOT included in non-debt receipts of central Government?

Options :

- 1. ✗ Tax Revenue
- 2. ✗ Non-tax Revenue
- 3. ✗ Recovery of Loans
- 4. ✓ Foreign Direct Investment
- 5. ✗ All the above

Question Number : 31 Question Id : 69647131 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

केन्द्रीय सरकार के गैरकृण प्राप्तियों में क्या शामिल नहीं है?

Options :

- 1. ✗ कर-राजस्व
- 2. ✗ गैर-कर-राजस्व
- 3. ✗ कृण की पुनर्प्राप्ति
- 4. ✓ विदेशी प्रत्यक्ष निवेश
- 5. ✗ उपरोक्त सभी

Question Number : 32 Question Id : 69647132 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following items had maximum contribution in Capital Account of Balance of Payment of India in the year 2016-17?

Options :

1. ✗ Net External Assistance
2. ✗ Net Commercial Borrowings
3. ✗ Net Non-Resident Deposits
4. ✓ Net Foreign Investment
5. ✗ None of these

Question Number : 32 Question Id : 69647132 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

वर्ष 2016-17 में भारत के भुगतान संतुलन के पूँजी खाते में सबसे अधिक योगदान किस मद का रहा है?

Options :

1. ✗ विशुद्ध विदेशी सहायता
2. ✗ विशुद्ध वाणिज्यिक ऋण
3. ✗ विशुद्ध अनिवासी जमा
4. ✓ विशुद्ध विदेशी निवेश
5. ✗ इनमें से कोई नहीं

Question Number : 33 Question Id : 69647133 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The most important source of capital formation in India is:

Options :

1. ✗ Public Sector Savings
2. ✗ Corporate Savings
3. ✓ Household Sector Savings
4. ✗ Government Revenue – Surplus
5. ✗ None of these

Question Number : 33 Question Id : 69647133 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

भारत में पूँजी-निर्माण का सर्वाधिक महत्वपूर्ण स्रोत _____ है।

Options :

1. ✗ सार्वजनिक क्षेत्र की बचत
2. ✗ निगम क्षेत्र की बचत



3. ✓ घरेलू क्षेत्र की बचत

4. ✗ सरकारी राजस्व-अधिकार्य

5. ✗ इनमें से कोई नहीं

Question Number : 34 Question Id : 69647134 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

How much paddy was purchased by Government of Chhattisgarh in the year 2016-17 till 11th January 2017?

Options :

1. ✗ 63.10 lakh ton

2. ✗ 61.5 lakh ton

3. ✗ 59.29 lakh ton

4. ✓ 56.35 lakh ton

5. ✗ None of these

Question Number : 34 Question Id : 69647134 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ सरकार ने वर्ष 2016-17 में 11 जनवरी 2017 तक कितने लाख टन धान खरीदी थी?

Options :

1. ✗ 63.10 लाख टन

2. ✗ 61.5 लाख टन

3. ✗ 59.29 लाख टन

4. ✓ 56.35 लाख टन

5. ✗ इनमें से कोई नहीं

Question Number : 35 Question Id : 69647135 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In how many forest Mandals, UNDP projects are conducted in Chhattisgarh?

Options :

1. ✗ 05

2. ✓ 07

3. ✗ 09

4. ✗ 11

5. ✗ None of these

Question Number : 35 Question Id : 69647135 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

यू.एन.डी.पी. परियोजना, छत्तीसगढ़ के कितने वनमण्डलों में संचालित की गयी है?

Options :

1. ✗ 05
2. ✓ 07
3. ✗ 09
4. ✗ 11
5. ✗ इनमें से कोई नहीं

Question Number : 36 Question Id : 69647136 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following major minerals has the highest royalty per ton in Chhattisgarh?

Options :

1. ✗ Coal
2. ✓ Iron – ore
3. ✗ Boxite
4. ✗ Lime – Stone
5. ✗ None of these

Question Number : 36 Question Id : 69647136 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ में निम्न में से किस मुख्य खनिज की रॉयलटी दर प्रति टन सबसे अधिक है?

Options :

1. ✗ कोयला
2. ✓ लोह-अयस्क
3. ✗ बॉक्साइट
4. ✗ चूना-पत्थर
5. ✗ इनमें से कोई नहीं

Question Number : 37 Question Id : 69647137 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which country won the “Women Asia Twenty-20 Cricket 2016”?

Options :

1. ✓ India
2. ✗ Pakistan
3. ✗ Sri Lanka
4. ✗ Bangladesh
5. ✗ None of these



Question Number : 37 Question Id : 69647137 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

किस देश ने “महिला एशिया ट्रॉफी-20 क्रिकेट 2016” जीता?

Options :

1. भारत
2. पाकिस्तान
3. श्रीलंका
4. बांग्लादेश
5. इनमें से कोई नहीं

Question Number : 38 Question Id : 69647138 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

To whom Serena Williams has equaled by winning Grand Slam Wimbledon?

Options :

1. Martina Navratilova
2. Steffi Graf
3. Sania Mirza
4. Venus Williams
5. None of these

Question Number : 38 Question Id : 69647138 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

सेरेना विलियम्स ने ग्रैंड स्लॉम विंबलडन जीतकर किसकी बराबरी की?

Options :

1. मार्टिना नव्राटिलोवा
2. स्टेफी ग्राफ
3. सानिया मिर्जा
4. वीनस विलियम्स
5. इनमें से कोई नहीं

Question Number : 39 Question Id : 69647139 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The word “Tundra” Means:

Options :

1. Fertile Land
2. Mountain

- 3. ✓ Barren Land
- 4. ✗ All of the above
- 5. ✗ None of the above

Question Number : 39 Question Id : 69647139 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

“टुण्ड्रा” शब्द का अर्थ है:

Options :

- 1. ✗ उपजाऊ भूमि
- 2. ✗ पहाड़
- 3. ✓ बंजर भूमि
- 4. ✗ उपरोक्त सभी
- 5. ✗ उपरोक्त में से कोई नहीं

Question Number : 40 Question Id : 69647140 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following Ministries launched the ‘VIKALP’ scheme?

Options :

- 1. ✓ Railways
- 2. ✗ Finance
- 3. ✗ Women and Child Development
- 4. ✗ Commerce
- 5. ✗ Foreign Affairs

Question Number : 40 Question Id : 69647140 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

‘विकल्प’ योजना निम्न में से किस मंत्रालय के द्वारा प्रारम्भ की गई है?

Options :

- 1. ✓ रेलवे
- 2. ✗ वित्त
- 3. ✗ महिला एवं बाल विकास
- 4. ✗ वाणिज्य
- 5. ✗ विदेशी मामले

Question Number : 41 Question Id : 69647141 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Amaravati, the new capital of Andhra Pradesh, is situated on the banks of which river?

Options :

1. ✗ Kaveri
2. ✓ Krishna
3. ✗ Godavari
4. ✗ Tungabhadra
5. ✗ Narmada

Question Number : 41 Question Id : 69647141 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

आंध्र प्रदेश की नई राजधानी, अमरावती, किस नदी के तट पर स्थित है?

Options :

1. ✗ कावेरी
2. ✓ कृष्णा
3. ✗ गोदावरी
4. ✗ तुंगभद्रा
5. ✗ नर्मदा

Question Number : 42 Question Id : 69647142 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who performs the Hulki dance?

Options :

1. ✓ Muria
2. ✗ Baiga
3. ✗ Kamar
4. ✗ Oraon
5. ✗ None of these

Question Number : 42 Question Id : 69647142 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

‘हुलकी’ नृत्य कौन करते हैं?

Options :

1. ✓ मुरिया
2. ✗ बैगा
3. ✗ कमार

4. ✘ उरांव

5. ✘ इनमें से कोई नहीं

Question Number : 43 Question Id : 69647143 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is “Bewara” cultivator scheduled tribe?

Options :

1. ✘ Biar

2. ✘ Binjhwar

3. ✘ Kanwar

4. ✓ Baiga

5. ✘ None of these

Question Number : 43 Question Id : 69647143 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से “बेवरा” कृषि करने वाली अनुसूचित जनजाति कौन है?

Options :

1. ✘ बियार

2. ✘ बिझंवार

3. ✘ कंवर

4. ✓ बैगा

5. ✘ इनमें से कोई नहीं

Question Number : 44 Question Id : 69647144 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is “Penda” cultivator scheduled tribe?

Options :

1. ✘ Pao

2. ✘ Pardhan

3. ✓ Abujhmaria

4. ✘ Parja

5. ✘ None of these

Question Number : 44 Question Id : 69647144 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से “पेंदा” कृषि करने वाली अनुसूचित जनजाति कौन है?

Options :

1. ✘ पाव
2. ✘ परधान
3. ✓ अबुझमाड़िया
4. ✘ परजा
5. ✘ इनमें से कोई नहीं

Question Number : 45 Question Id : 69647145 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The “Malhar” is famous for which of the following?

Options :

1. ✘ Shiv sculpture
2. ✘ Vishnu sculpture
3. ✓ Jain sculpture & Temple remains
4. ✘ Baudh sculpture
5. ✘ None of these

Question Number : 45 Question Id : 69647145 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

“मल्हार” निम्न में से किस के लिए प्रसिद्ध है?

Options :

1. ✘ शिव प्रतिमा
2. ✘ विष्णु प्रतिमा
3. ✓ जैन प्रतिमा एवं मंदिरों के अवशेष
4. ✘ बौद्ध प्रतिमा
5. ✘ इनमें से कोई नहीं

Question Number : 46 Question Id : 69647146 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which district is the “Teerathgarh” waterfall located?

Options :

1. ✘ Sarguja
2. ✘ Gariaband
3. ✘ Kanker
4. ✓ Bastar

5. ✘ None of these

Question Number : 46 Question Id : 69647146 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

“तीरथगढ़” जलप्रपात किस जिला में है?

Options :

1. ✘ सरगुजा
2. ✘ गरियाबंद
3. ✘ कांकेर
4. ✓ बस्तर
5. ✘ इनमें से कोई नहीं

Question Number : 47 Question Id : 69647147 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which district the famous “Devbalod” Shiv temple exists?

Options :

1. ✘ Balod
2. ✘ Baloda Bazar
3. ✓ Durg
4. ✘ Raipur
5. ✘ None of these

Question Number : 47 Question Id : 69647147 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

“देवबलौद” का प्रसिद्ध शिव मंदिर किस जिला में है?

Options :

1. ✘ बालोद
2. ✘ बलौदा बाजार
3. ✓ दुर्ग
4. ✘ रायपुर
5. ✘ इनमें से कोई नहीं

Question Number : 48 Question Id : 69647148 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The Arts of Ghadwa is prepared in which of the following places?

Options :

1. Bastar
2. Rajnandgaon
3. Raigad
4. Sarguja
5. None of these

Question Number : 48 Question Id : 69647148 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

घडवा कला निम्न में से किस जगह निर्मित होता है?

Options :

1. बस्तर
2. राजनांदगांव
3. रायगढ़
4. सरगुजा
5. इनमें से कोई नहीं

Question Number : 49 Question Id : 69647149 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

When was the Lokseva Guarantee Adhiniyam implemented in the state of Chhattisgarh?

Options :

1. 2009
2. 2010
3. 2011
4. 2012
5. None of these

Question Number : 49 Question Id : 69647149 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ में लोकसेवा गारंटी अधिनियम कब लागू हुआ?

Options :

1. 2009
2. 2010
3. 2011
4. 2012
5. इनमें से कोई नहीं

Question Number : 50 Question Id : 69647150 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Mukhyamantri Swasthya Bima Scheme was inaugurated in which of the years in Chhattisgarh?

Options :

1. ✗ 2010
2. ✗ 2011
3. ✓ 2012
4. ✗ 2013
5. ✗ None of these

Question Number : 50 Question Id : 69647150 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

मुख्यमंत्री स्वास्थ्य बीमा योजना का छत्तीसगढ़ में, निम्न में से किस वर्ष शुभारंभ हुआ?

Options :

1. ✗ 2010
2. ✗ 2011
3. ✓ 2012
4. ✗ 2013
5. ✗ इनमें से कोई नहीं

Scientific Officer (Botany/Pharmacognosy)

Group Maximum Duration : 120

Group Minimum Duration : 120

Revisit allowed for view? : No

Revisit allowed for edit? : No

Scientific Officer (Botany/Pharmacognosy)

Mandatory or Optional: Mandatory

Display Number Panel: Yes

Group All Questions: No

Question Number : 51 Question Id : 69647151 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Epidermis is normally absent in T.S of which (drug) Glycoside?

Options :

1. ✗ Senna
2. ✓ Dioscorea

- 3. ✘ Liquorice
- 4. ✘ Gokhra
- 5. ✘ Cascara

Question Number : 51 Question Id : 69647151 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Epidermis is normally absent in T.S of which (drug) Glycoside?

Options :

- 1. ✘ Senna
- 2. ✓ Dioscorea
- 3. ✘ Liquorice
- 4. ✘ Gokhra
- 5. ✘ Cascara

Question Number : 52 Question Id : 69647152 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following drugs was used as witch craft in the middle ages and was first introduced in London Pharmacopoeia?

Options :

- 1. ✘ Ashwagandha
- 2. ✘ Kurchi
- 3. ✘ Campototheca
- 4. ✘ Vasaka
- 5. ✓ Belladonna

Question Number : 52 Question Id : 69647152 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following drugs was used as witch craft in the middle ages and was first introduced in London Pharmacopoeia?

Options :

- 1. ✘ Ashwagandha
- 2. ✘ Kurchi
- 3. ✘ Campototheca
- 4. ✘ Vasaka
- 5. ✓ Belladonna

Question Number : 53 Question Id : 69647153 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which type of stomata are present in *Hyoscyamus*?

Options :

1. ✗ Ranunculaceous
2. ✗ Rubiaceous
3. ✓ Cruciferous
4. ✗ Actinocytic
5. ✗ Caryophyllous

Question Number : 53 Question Id : 69647153 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which type of stomata are present in *Hyoscyamus*?

Options :

1. ✗ Ranunculaceous
2. ✗ Rubiaceous
3. ✓ Cruciferous
4. ✗ Actinocytic
5. ✗ Caryophyllous

Question Number : 54 Question Id : 69647154 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Emerald Green colour is observed upon addition of ammonia and bromine water with which of the following tests?

Options :

1. ✗ Vitalimorin's Test
2. ✗ Murexide Test
3. ✓ Thalleoquin Test
4. ✗ Barfoed's Test
5. ✗ Borntrager's Test

Question Number : 54 Question Id : 69647154 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Emerald Green colour is observed upon addition of ammonia and bromine water with which of the following tests?

Options :

1. ✗ Vitalimorin's Test
2. ✗ Murexide Test
3. ✓ Thalleoquin Test
4. ✗ Barfoed's Test
5. ✗ Borntrager's Test

Question Number : 55 Question Id : 69647155 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Range of swelling factor of Ispaghula is:

Options :

1. 10-13
2. 15-20
3. 20-25
4. 30-40
5. 45-50

Question Number : 55 Question Id : 69647155 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Range of swelling factor of Ispaghula is:

Options :

1. 10-13
2. 15-20
3. 20-25
4. 30-40
5. 45-50

Question Number : 56 Question Id : 69647156 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following medicinal plants gives positive reaction to Vitalimorin's Test?

Options :

1. Datura
2. Ephedra
3. Colchicum
4. Lobelia
5. Nuxvomica

Question Number : 56 Question Id : 69647156 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following medicinal plants gives positive reaction to Vitalimorin's Test?

Options :

1. Datura
2. Ephedra
3. Colchicum
4. Lobelia



5. ✘ Nuxvomica

Question Number : 57 Question Id : 69647157 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following Fluorescence colours is exhibited by Ergot under UV light?

Options :

1. ✘ Green
2. ✓ Red
3. ✘ Blue
4. ✘ Orange
5. ✘ Yellow

Question Number : 57 Question Id : 69647157 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following Fluorescence colours is exhibited by Ergot under UV light?

Options :

1. ✘ Green
2. ✓ Red
3. ✘ Blue
4. ✘ Orange
5. ✘ Yellow

Question Number : 58 Question Id : 69647158 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which aspect the African and Indian Senna Differ?

Options :

1. ✘ Swelling Factor
2. ✘ Rf Values
3. ✓ Stomatal Index
4. ✘ Refractive Index
5. ✘ Ash Values

Question Number : 58 Question Id : 69647158 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which aspect the African and Indian Senna Differ?

Options :

1. ✘ Swelling Factor
2. ✘ Rf Values

- 3. ✓ Stomatal Index
- 4. ✗ Refractive Index
- 5. ✗ Ash Values

Question Number : 59 Question Id : 69647159 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which culture medium is commonly used in Plant tissue culture?

Options :

- 1. ✓ M.S Medium
- 2. ✗ White
- 3. ✗ Haller
- 4. ✗ ER Medium (Eriksson & B5)
- 5. ✗ Nitsch Medium

Question Number : 59 Question Id : 69647159 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which culture medium is commonly used in Plant tissue culture?

Options :

- 1. ✓ M.S Medium
- 2. ✗ White
- 3. ✗ Haller
- 4. ✗ ER Medium (Eriksson & B5)
- 5. ✗ Nitsch Medium

Question Number : 60 Question Id : 69647160 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The use of 2,4-dichlorophenoxyacetic acid is:

Options :

- 1. ✗ Germicide
- 2. ✓ Herbicide
- 3. ✗ Growth Promotor
- 4. ✗ Growth Inhibitor
- 5. ✗ Cell Division

Question Number : 60 Question Id : 69647160 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The use of 2,4-dichlorophenoxyacetic acid is:

Options :

1. ✗ Germicide
2. ✓ Herbicide
3. ✗ Growth Promotor
4. ✗ Growth Inhibitor
5. ✗ Cell Division

Question Number : 61 Question Id : 69647161 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The type of Calcium oxalate crystals present in Cinchona is:

Options :

1. ✗ Spheroids
2. ✗ Prismatic
3. ✗ Raphides
4. ✓ Microspheroidal
5. ✗ Triangular

Question Number : 61 Question Id : 69647161 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The type of Calcium oxalate crystals present in Cinchona is:

Options :

1. ✗ Spheroids
2. ✗ Prismatic
3. ✗ Raphides
4. ✓ Microspheroidal
5. ✗ Triangular

Question Number : 62 Question Id : 69647162 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The reagent which is used for the detection of cellulose is:

Options :

1. ✗ Van-urk's Reagent
2. ✗ Molisch Reagent
3. ✓ Schultz's Reagent
4. ✗ Benedict's Reagent
5. ✗ Ninhydrin Reagent

Question Number : 62 Question Id : 69647162 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The reagent which is used for the detection of cellulose is:

Options :

1. ✗ Van-urk's Reagent
2. ✗ Molisch Reagent
3. ✓ Schultz's Reagent
4. ✗ Benedict's Reagent
5. ✗ Ninhydrin Reagent

Question Number : 63 Question Id : 69647163 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Dover's Powder is a mixture of:

Options :

1. ✗ Rauwolfia & Ergot
2. ✗ Cinnamon and Cinchona
3. ✓ Ipecac and Opium
4. ✗ Vinca and Risperpine
5. ✗ Datura and Senna

Question Number : 63 Question Id : 69647163 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Dover's Powder is a mixture of:

Options :

1. ✗ Rauwolfia & Ergot
2. ✗ Cinnamon and Cinchona
3. ✓ Ipecac and Opium
4. ✗ Vinca and Risperpine
5. ✗ Datura and Senna

Question Number : 64 Question Id : 69647164 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which active constituent is used in the synthesis of Progesterone?

Options :

1. ✗ Germidine
2. ✓ Diosgenin
3. ✗ Ecgonine



4. ✗ Somniferin
5. ✗ Emodine

Question Number : 64 Question Id : 69647164 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which active constituent is used in the synthesis of Progesterone?

Options :

1. ✗ Germidine
2. ✓ Diosgenin
3. ✗ Ecgonine
4. ✗ Somniferin
5. ✗ Emodine

Question Number : 65 Question Id : 69647165 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which pathway is a key intermediate for the bio-synthesis of C6-C3 units (Phenylpropane Derivatives)?

Options :

1. ✓ Shikimic acid pathway
2. ✗ Krebs cycle
3. ✗ Pyruvic acid cycle
4. ✗ Acetate pathway
5. ✗ Glycolysis

Question Number : 65 Question Id : 69647165 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which pathway is a key intermediate for the bio-synthesis of C6-C3 units (Phenylpropane Derivatives)?

Options :

1. ✓ Shikimic acid pathway
2. ✗ Krebs cycle
3. ✗ Pyruvic acid cycle
4. ✗ Acetate pathway
5. ✗ Glycolysis

Question Number : 66 Question Id : 69647166 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The precursor for bio-synthesis of Triglycerides is:

Options :

1. ✗ Geranyl pyrophosphate
2. ✗ Glycero phosphate
3. ✓ Fatty acid molecule-acetate
4. ✗ Squalene
5. ✗ Nevolonic acid

Question Number : 66 Question Id : 69647166 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The precursor for bio-synthesis of Triglycerides is:

Options :

1. ✗ Geranyl pyrophosphate
2. ✗ Glycero phosphate
3. ✓ Fatty acid molecule-acetate
4. ✗ Squalene
5. ✗ Nevolonic acid

Question Number : 67 Question Id : 69647167 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Hyoscyamine is a combination of:

Options :

1. ✗ Lysine and Anabasine
2. ✓ Tropine and Tropic acid
3. ✗ Coumarin and Arbutine
4. ✗ Ornithine and Methionine
5. ✗ Hygrine and Nicotinic acid

Question Number : 67 Question Id : 69647167 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Hyoscyamine is a combination of:

Options :

1. ✗ Lysine and Anabasine
2. ✓ Tropine and Tropic acid
3. ✗ Coumarin and Arbutine
4. ✗ Ornithine and Methionine
5. ✗ Hygrine and Nicotinic acid

Question Number : 68 Question Id : 69647168 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Impairment in the quality of the drug is termed as:

Options :

1. ✗ Substitution
2. ✗ Spoilage
3. ✓ Deterioration
4. ✗ Inferiority
5. ✗ Sophistication

Question Number : 68 Question Id : 69647168 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Impairment in the quality of the drug is termed as:

Options :

1. ✗ Substitution
2. ✗ Spoilage
3. ✓ Deterioration
4. ✗ Inferiority
5. ✗ Sophistication

Question Number : 69 Question Id : 69647169 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The percentage which the number of stomata form to the total number of epidermal cells is known as:

Options :

1. ✗ Stomatal Number
2. ✓ Stomatal Index
3. ✗ Vein Termination
4. ✗ Vein Islet Number
5. ✗ Lycopodium Spore Method

Question Number : 69 Question Id : 69647169 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The percentage which the number of stomata form to the total number of epidermal cells is known as:

Options :

1. ✗ Stomatal Number
2. ✓ Stomatal Index
3. ✗ Vein Termination

- 4. ✘ Vein Islet Number
- 5. ✘ Lycopodium Spore Method

Question Number : 70 Question Id : 69647170 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An example for Caryophyllaceous stomata is:

Options :

- 1. ✓ Vasaka
- 2. ✘ Senna
- 3. ✘ Digitalis
- 4. ✘ Belladonna
- 5. ✘ Datura

Question Number : 70 Question Id : 69647170 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An example for Caryophyllaceous stomata is:

Options :

- 1. ✓ Vasaka
- 2. ✘ Senna
- 3. ✘ Digitalis
- 4. ✘ Belladonna
- 5. ✘ Datura

Question Number : 71 Question Id : 69647171 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The method which is used for extraction of volatile oils and hydrocyanic acid from plant materials is:

Options :

- 1. ✘ Sublimation
- 2. ✓ Steam Distillation
- 3. ✘ Fractional Crystallization
- 4. ✘ Soxhlet Extraction
- 5. ✘ Successive Solvent Extraction

Question Number : 71 Question Id : 69647171 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The method which is used for extraction of volatile oils and hydrocyanic acid from plant materials is:

Options :

- 1. ✘ Sublimation

- 2. ✓ Steam Distillation
- 3. ✗ Fractional Crystallization
- 4. ✗ Soxhlet Extraction
- 5. ✗ Successive Solvent Extraction

Question Number : 72 Question Id : 69647172 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The percentage of water soluble extract present in Glycyrrhiza is:

Options :

- 1. ✗ Not less than 25
- 2. ✗ Not less than 15
- 3. ✓ Not less than 20
- 4. ✗ Not less than 28
- 5. ✗ Not less than 10

Question Number : 72 Question Id : 69647172 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The percentage of water soluble extract present in Glycyrrhiza is:

Options :

- 1. ✗ Not less than 25
- 2. ✗ Not less than 15
- 3. ✓ Not less than 20
- 4. ✗ Not less than 28
- 5. ✗ Not less than 10

Question Number : 73 Question Id : 69647173 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Trazodone is used primarily as a:

Options :

- 1. ✗ Tranquilizer
- 2. ✓ Antidepressant
- 3. ✗ Cardiotonic
- 4. ✗ Analgesic
- 5. ✗ Anticancer

Question Number : 73 Question Id : 69647173 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Trazodone is used primarily as a:

Options :

1. ✗ Tranquilizer
2. ✓ Antidepressant
3. ✗ Cardiotonic
4. ✗ Analgesic
5. ✗ Anticancer

Question Number : 74 Question Id : 69647174 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Goldbeater's skin test is used for the detection of:

Options :

1. ✗ Glycosides
2. ✓ Tannins
3. ✗ Resins
4. ✗ Gums and Mucilages
5. ✗ Saponins

Question Number : 74 Question Id : 69647174 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Goldbeater's skin test is used for the detection of:

Options :

1. ✗ Glycosides
2. ✓ Tannins
3. ✗ Resins
4. ✗ Gums and Mucilages
5. ✗ Saponins

Question Number : 75 Question Id : 69647175 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Alpha naphthol and Sulphuric acid are used in the reagent of _____.

Options :

1. ✓ Molisch reagent
2. ✗ Selwinoff's reagent
3. ✗ Mayer's reagent
4. ✗ Toluene's reagent

5. ✘ Biuret reagent

Question Number : 75 Question Id : 69647175 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Alpha naphthol and Sulphuric acid are used in the reagent of _____.

Options :

1. ✓ Molisch reagent
2. ✘ Selwinoff's reagent
3. ✘ Mayer's reagent
4. ✘ Toluene's reagent
5. ✘ Biuret reagent

Question Number : 76 Question Id : 69647176 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Aconitine is chemically classified as:

Options :

1. ✘ Alkylamine Alkaloids
2. ✘ Indole Alkaloids
3. ✘ Imidazole Alkaloids
4. ✘ Tropane Alkaloids
5. ✓ Terpenoid Alkaloids

Question Number : 76 Question Id : 69647176 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Aconitine is chemically classified as:

Options :

1. ✘ Alkylamine Alkaloids
2. ✘ Indole Alkaloids
3. ✘ Imidazole Alkaloids
4. ✘ Tropane Alkaloids
5. ✓ Terpenoid Alkaloids

Question Number : 77 Question Id : 69647177 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The shift of spectral band towards the longer wavelength is termed as:

Options :

1. ✘ Hyperchromic Shift

- 2. ✕ Hypsochromic Shift
- 3. ✓ Bathochromic Shift
- 4. ✕ Hypochromic Shift
- 5. ✕ Chromophoric Shift

Question Number : 77 Question Id : 69647177 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The shift of spectral band towards the longer wavelength is termed as:

Options :

- 1. ✕ Hyperchromic Shift
- 2. ✕ Hypsochromic Shift
- 3. ✓ Bathochromic Shift
- 4. ✕ Hypochromic Shift
- 5. ✕ Chromophoric Shift

Question Number : 78 Question Id : 69647178 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statement is true with respect to **Auxochrome**?

Options :

- 1. ✓ Enhance the colour with extending conjugation
- 2. ✕ Isolated covalently bonded group that shows characteristic absorption in the UV region
- 3. ✕ The group contains π electrons and they undergo $n \rightarrow \pi^*$ transitions
- 4. ✕ Contains both π and n electrons
- 5. ✕ An effect by virtue of which the absorption maximum is shifted to longer wavelength

Question Number : 78 Question Id : 69647178 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statement is true with respect to **Auxochrome**?

Options :

- 1. ✓ Enhance the colour with extending conjugation
- 2. ✕ Isolated covalently bonded group that shows characteristic absorption in the UV region
- 3. ✕ The group contains π electrons and they undergo $n \rightarrow \pi^*$ transitions
- 4. ✕ Contains both π and n electrons
- 5. ✕ An effect by virtue of which the absorption maximum is shifted to longer wavelength

Question Number : 79 Question Id : 69647179 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

3-Phenoxyazone-1,9-dicarboxylic acid is the chromophoric moiety of which antibiotic, used in Cancer chemotherapy:

Options :

1. ✗ Streptomycin
2. ✓ Actinomycin
3. ✗ Pencillin
4. ✗ Tetracycline
5. ✗ Griseofulvin

Question Number : 79 Question Id : 69647179 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

3-Phenoxyazone-1,9-dicarboxylic acid is the chromophoric moiety of which antibiotic, used in Cancer chemotherapy:

Options :

1. ✗ Streptomycin
2. ✓ Actinomycin
3. ✗ Pencillin
4. ✗ Tetracycline
5. ✗ Griseofulvin

Question Number : 80 Question Id : 69647180 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following intermediate is formed during the synthesis of Progesterone on Openneur oxidation?

Options :

1. ✗ Mexogenin
2. ✗ Asperginase
3. ✓ Pregnenolone
4. ✗ Cortisone acetate
5. ✗ Phenyl salicylate

Question Number : 80 Question Id : 69647180 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following intermediate is formed during the synthesis of Progesterone on Openneur oxidation?

Options :

1. ✗ Mexogenin
2. ✗ Asperginase
3. ✓ Pregnenolone
4. ✗ Cortisone acetate



5. ✘ Phenyl salicylate

Question Number : 81 Question Id : 69647181 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

6,7-dimethoxy-1-veratryl-isoquinoline is the IUPAC name of:

Options :

1. ✘ Quinine
2. ✘ Quinidine
3. ✓ Papaverine
4. ✘ Hyoscyamine
5. ✘ Atropine

Question Number : 81 Question Id : 69647181 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

6,7-dimethoxy-1-veratryl-isoquinoline is the IUPAC name of:

Options :

1. ✘ Quinine
2. ✘ Quinidine
3. ✓ Papaverine
4. ✘ Hyoscyamine
5. ✘ Atropine

Question Number : 82 Question Id : 69647182 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following product is formed on heating of Morphine with strong Hydrochloric acid at 140 °C under pressure?

Options :

1. ✘ Normorphine
2. ✓ Apomorphine
3. ✘ Codeine
4. ✘ Methylsalicylate
5. ✘ Emetine

Question Number : 82 Question Id : 69647182 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following product is formed on heating of Morphine with strong Hydrochloric acid at 140 °C under pressure?

Options :

1. ✗ Normorphine
2. ✓ Apomorphine
3. ✗ Codeine
4. ✗ Methylsalicylate
5. ✗ Emetine

Question Number : 83 Question Id : 69647183 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the reason behind the ampicillin's stable reaction in acidic solution?

Options :

1. ✓ Presence of amino group at alpha position
2. ✗ It is an acidic drug
3. ✗ Due to narrow spectrum activity
4. ✗ Presence of alkyl group at alpha position
5. ✗ Due to rapid metabolism

Question Number : 83 Question Id : 69647183 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the reason behind the ampicillin's stable reaction in acidic solution?

Options :

1. ✓ Presence of amino group at alpha position
2. ✗ It is an acidic drug
3. ✗ Due to narrow spectrum activity
4. ✗ Presence of alkyl group at alpha position
5. ✗ Due to rapid metabolism

Question Number : 84 Question Id : 69647184 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is Penicillinase resistant?

Options :

1. ✗ Ampicillin
2. ✗ Streptomycin
3. ✓ Dicloxacillin
4. ✗ Norfloxacin
5. ✗ Amphotericin B

Question Number : 84 Question Id : 69647184 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is Penicillinase resistant?

Options :

1. Ampicillin
2. Streptomycin
3. Dicloxacillin
4. Norfloxacin
5. Amphotericin B

Question Number : 85 Question Id : 69647185 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which solution is used for surface sterilization in the Plant Tissue culture?

Options :

1. 0.01N HCl
2. Sodiumhypochlorite
3. Inositol
4. Sucrose
5. Cytokinin

Question Number : 85 Question Id : 69647185 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which solution is used for surface sterilization in the Plant Tissue culture?

Options :

1. 0.01N HCl
2. Sodiumhypochlorite
3. Inositol
4. Sucrose
5. Cytokinin

Question Number : 86 Question Id : 69647186 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Internal standard which is used in NMR is:

Options :

1. Acetic acid
2. Trimethylsilane
3. Ether

4. ✘ Chloroform
5. ✘ Benzene

Question Number : 86 Question Id : 69647186 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Internal standard which is used in NMR is:

Options :

1. ✘ Acetic acid
2. ✓ Trimethylsilane
3. ✘ Ether
4. ✘ Chloroform
5. ✘ Benzene

Question Number : 87 Question Id : 69647187 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Expand MALDI analyzer which is used in Mass spectrometry.

Options :

1. ✘ Molecule Assisted Laser Desorption Ionization
2. ✘ Mass Assisted Laser Desorption Ionization
3. ✓ Matrix Assisted Laser Desorption Ionization
4. ✘ Mass Amplified Laser Desorption Ionization
5. ✘ Matrix Amplified Laser Desorption Ionization

Question Number : 87 Question Id : 69647187 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Expand MALDI analyzer which is used in Mass spectrometry.

Options :

1. ✘ Molecule Assisted Laser Desorption Ionization
2. ✘ Mass Assisted Laser Desorption Ionization
3. ✓ Matrix Assisted Laser Desorption Ionization
4. ✘ Mass Amplified Laser Desorption Ionization
5. ✘ Matrix Amplified Laser Desorption Ionization

Question Number : 88 Question Id : 69647188 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following detector is used in IR spectroscopy?

Options :

1. Photomultiplier tube
2. PDA detector
3. Golay cell
4. Spin detector
5. AAS detector

Question Number : 88 Question Id : 69647188 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following detector is used in IR spectroscopy?

Options :

1. Photomultiplier tube
2. PDA detector
3. Golay cell
4. Spin detector
5. AAS detector

Question Number : 89 Question Id : 69647189 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Rapid production of a large number of identical clones in-vitro within a short period of time through tissue culture is:

Options :

1. Somaclonal Variation
2. Micropropagation
3. Callus Culture
4. Cell Transformation
5. Clonal Propagation

Question Number : 89 Question Id : 69647189 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Rapid production of a large number of identical clones in-vitro within a short period of time through tissue culture is:

Options :

1. Somaclonal Variation
2. Micropropagation
3. Callus Culture
4. Cell Transformation
5. Clonal Propagation

Question Number : 90 Question Id : 69647190 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which type of compounds are isolated by Stas otto method?

Options :

1. ✘ Terpenoids
2. ✘ Volatile Oils
3. ✓ Alkaloids
4. ✘ Carbohydrates
5. ✘ Proteins

Question Number : 90 Question Id : 69647190 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which type of compounds are isolated by Stas otto method?

Options :

1. ✘ Terpenoids
2. ✘ Volatile Oils
3. ✓ Alkaloids
4. ✘ Carbohydrates
5. ✘ Proteins

Question Number : 91 Question Id : 69647191 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following type of Drugs has more total Ash Value?

Options :

1. ✘ Fennel
2. ✘ Pale Catechu
3. ✘ Datura
4. ✘ Clove
5. ✓ Cannabis

Question Number : 91 Question Id : 69647191 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following type of Drugs has more total Ash Value?

Options :

1. ✘ Fennel
2. ✘ Pale Catechu
3. ✘ Datura
4. ✘ Clove
5. ✓ Cannabis

Question Number : 92 Question Id : 69647192 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following amino acid is the starting material for synthesis of Ephedrine?

Options :

1. ✗ Alanine
2. ✗ Tryptophan
3. ✗ Tyrosine
4. ✓ Phenylalanine
5. ✗ Cysteine

Question Number : 92 Question Id : 69647192 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following amino acid is the starting material for synthesis of Ephedrine?

Options :

1. ✗ Alanine
2. ✗ Tryptophan
3. ✗ Tyrosine
4. ✓ Phenylalanine
5. ✗ Cysteine

Question Number : 93 Question Id : 69647193 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the main motto of Meristem tip culture?

Options :

1. ✗ Development of viral plants
2. ✗ To produce non-sterile shoot culture
3. ✓ Development of virus free plants
4. ✗ To produce microbial shoot culture
5. ✗ To enhance gene sequencing

Question Number : 93 Question Id : 69647193 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the main motto of Meristem tip culture?

Options :

1. ✗ Development of viral plants
2. ✗ To produce non-sterile shoot culture

- 3. Development of virus free plants
- 4. To produce microbial shoot culture
- 5. To enhance gene sequencing

Question Number : 94 Question Id : 69647194 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

“Crown gall” – a tumour condition in dicotyledonous plants is developed by which of the following bacterium?

Options :

- 1. Agrobacterium Tumefaciens
- 2. Rhizobium
- 3. Bacillus Thuringensis
- 4. Staphylococcus
- 5. Streptococcus

Question Number : 94 Question Id : 69647194 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

“Crown gall” – a tumour condition in dicotyledonous plants is developed by which of the following bacterium?

Options :

- 1. Agrobacterium Tumefaciens
- 2. Rhizobium
- 3. Bacillus Thuringensis
- 4. Staphylococcus
- 5. Streptococcus

Question Number : 95 Question Id : 69647195 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An enzyme that catalyses hydrolysis of monophosphate ester group from compounds of nucleic acids and nucleotides is:

Options :

- 1. Apoenzyme
- 2. Alkaline phosphatase
- 3. Capsases
- 4. Coagulase
- 5. Protease

Question Number : 95 Question Id : 69647195 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An enzyme that catalyses hydrolysis of monophosphate ester group from compounds of nucleic acids and nucleotides is:

Options :

1. ✗ Apoenzyme
2. ✓ Alkaline phosphatase
3. ✗ Capsases
4. ✗ Coagulase
5. ✗ Protease

Question Number : 96 Question Id : 69647196 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Selective replication of DNA sequence within a cell producing extra copies is known as:

Options :

1. ✗ Gene cloning
2. ✗ Gene expression
3. ✓ Gene amplification
4. ✗ Gene isolation
5. ✗ Gene sequencing

Question Number : 96 Question Id : 69647196 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Selective replication of DNA sequence within a cell producing extra copies is known as:

Options :

1. ✗ Gene cloning
2. ✗ Gene expression
3. ✓ Gene amplification
4. ✗ Gene isolation
5. ✗ Gene sequencing

Question Number : 97 Question Id : 69647197 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is true in case of Immune modulator?

Options :

1. ✗ A special group of proteins
2. ✗ A multi bladed device
3. ✓ A compound that interfere with the production of an antibody
4. ✗ An analytical test based on reaction interaction between antibody and antigen
5. ✗ A vector that promotes DNA replication

Question Number : 97 Question Id : 69647197 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is true in case of Immune modulator?

Options :

1. ✗ A special group of proteins
2. ✗ A multi bladed device
3. ✓ A compound that interfere with the production of an antibody
4. ✗ An analytical test based on reaction interaction between antibody and antigen
5. ✗ A vector that promotes DNA replication

Question Number : 98 Question Id : 69647198 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A synthetic auxin which is often used in plant tissue culture and more stable than indole acetic acid is:

Options :

1. ✓ Naphthalene acetic acid
2. ✗ Kinetin
3. ✗ Zeatin
4. ✗ 2,4-dichloro phenoxy acetic acid
5. ✗ Cytokinin

Question Number : 98 Question Id : 69647198 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A synthetic auxin which is often used in plant tissue culture and more stable than indole acetic acid is:

Options :

1. ✓ Naphthalene acetic acid
2. ✗ Kinetin
3. ✗ Zeatin
4. ✗ 2,4-dichloro phenoxy acetic acid
5. ✗ Cytokinin

Question Number : 99 Question Id : 69647199 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which drug acts as hypotensive tranquilizer?

Options :

1. ✗ Opium
2. ✗ Brucine

- 3. ✗ Vincristine
- 4. ✓ Reserpine
- 5. ✗ Atropine

Question Number : 99 Question Id : 69647199 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which drug acts as hypotensive tranquilizer?

Options :

- 1. ✗ Opium
- 2. ✗ Brucine
- 3. ✗ Vincristine
- 4. ✓ Reserpine
- 5. ✗ Atropine

Question Number : 100 Question Id : 696471100 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Ma huang is the synonym of which of the following alkaloids?

Options :

- 1. ✗ Aconite
- 2. ✗ Vasaka
- 3. ✗ Jaborandi
- 4. ✗ Camptotheca
- 5. ✓ Ephedra

Question Number : 100 Question Id : 696471100 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Ma huang is the synonym of which of the following alkaloids?

Options :

- 1. ✗ Aconite
- 2. ✗ Vasaka
- 3. ✗ Jaborandi
- 4. ✗ Camptotheca
- 5. ✓ Ephedra

Question Number : 101 Question Id : 696471101 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The presence of _____ hormone gives positive test in the pregnancy test by urine.

Options :

1. ✘ Progesterone
2. ✘ Aldosterone
3. ✓ Human Chorionic Gonadotropin
4. ✘ Oxytocin
5. ✘ TSH

Question Number : 101 Question Id : 696471101 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The presence of _____ hormone gives positive test in the pregnancy test by urine.

Options :

1. ✘ Progesterone
2. ✘ Aldosterone
3. ✓ Human Chorionic Gonadotropin
4. ✘ Oxytocin
5. ✘ TSH

Question Number : 102 Question Id : 696471102 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is the source of camphor?

Options :

1. ✘ *Cinnamomum limonene*
2. ✓ *Cinnamomum camphora*
3. ✘ *Cinnamomum canadensis*
4. ✘ *Chenopodium ambrosioides*
5. ✘ *Anethum graveolens*

Question Number : 102 Question Id : 696471102 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is the source of camphor?

Options :

1. ✘ *Cinnamomum limonene*
2. ✓ *Cinnamomum camphora*
3. ✘ *Cinnamomum canadensis*
4. ✘ *Chenopodium ambrosioides*
5. ✘ *Anethum graveolens*

Question Number : 103 Question Id : 696471103 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Gelidium amansii is the biological source of _____.

Options :

1. ✗ Tragacanth
2. ✓ Agar
3. ✗ Carrageenan
4. ✗ Acacia
5. ✗ Chitin

Question Number : 103 Question Id : 696471103 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Gelidium amansii is the biological source of _____.

Options :

1. ✗ Tragacanth
2. ✓ Agar
3. ✗ Carrageenan
4. ✗ Acacia
5. ✗ Chitin

Question Number : 104 Question Id : 696471104 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Eugenol is the chief constituent of which of the following drugs?

Options :

1. ✗ Camphor and Menthol
2. ✓ Tulsi and Clove
3. ✗ Coriander and Fennel
4. ✗ Cardamom and Cinnamon
5. ✗ Fennel and Dill

Question Number : 104 Question Id : 696471104 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Eugenol is the chief constituent of which of the following drugs?

Options :

1. ✗ Camphor and Menthol
2. ✓ Tulsi and Clove
3. ✗ Coriander and Fennel

4. ✘ Cardamom and Cinnamon
5. ✘ Fennel and Dill

Question Number : 105 Question Id : 696471105 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which method is frequently used for the extraction of delicate perfumes?

Options :

1. ✘ Hydro distillation
2. ✓ Effleurage method
3. ✘ Eculle method
4. ✘ Steam distillation method
5. ✘ Soxhlet method

Question Number : 105 Question Id : 696471105 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which method is frequently used for the extraction of delicate perfumes?

Options :

1. ✘ Hydro distillation
2. ✓ Effleurage method
3. ✘ Eculle method
4. ✘ Steam distillation method
5. ✘ Soxhlet method

Question Number : 106 Question Id : 696471106 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Phytolacca Americana is the adulterant of _____ drug.

Options :

1. ✘ Nuxvomica
2. ✘ Rauwolfia
3. ✓ Belladonna
4. ✘ Senna
5. ✘ Digitalis

Question Number : 106 Question Id : 696471106 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Phytolacca Americana is the adulterant of _____ drug.

Options :

1. ✘ Nuxvomica

- 2. ✗ Rauwolfia
- 3. ✓ Belladonna
- 4. ✗ Senna
- 5. ✗ Digitalis

Question Number : 107 Question Id : 696471107 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Vincristine shows its absorbance at which of the following wavelengths of UV region?

Options :

- 1. ✓ 248 & 296
- 2. ✗ 268 & 296
- 3. ✗ 350 & 297
- 4. ✗ 328 & 350
- 5. ✗ 286 & 297

Question Number : 107 Question Id : 696471107 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Vincristine shows its absorbance at which of the following wavelengths of UV region?

Options :

- 1. ✓ 248 & 296
- 2. ✗ 268 & 296
- 3. ✗ 350 & 297
- 4. ✗ 328 & 350
- 5. ✗ 286 & 297

Question Number : 108 Question Id : 696471108 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the composition of Mayer's Reagent?

Options :

- 1. ✗ Iodine + Potassium iodide in water
- 2. ✗ Cadmium iodide + Potassium iodide in water
- 3. ✗ Potassium iodide + Bismuth iodide
- 4. ✗ Cadmium iodide + Bismuth iodide
- 5. ✓ Mercuric chloride + Potassium iodide in water

Question Number : 108 Question Id : 696471108 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the composition of Mayer's Reagent?

Options :

1. ✗ Iodine + Potassium iodide in water
2. ✗ Cadmium iodide + Potassium iodide in water
3. ✗ Potassium iodide + Bismuth iodide
4. ✗ Cadmium iodide + Bismuth iodide
5. ✓ Mercuric chloride + Potassium iodide in water

Question Number : 109 Question Id : 696471109 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

True alkaloids contain which type of basic ring?

Options :

1. ✗ Does not have heterocyclic ring
2. ✗ Have heterocyclic ring with nitrogen
3. ✓ Have heterocyclic ring
4. ✗ Does not have heterocyclic ring with nitrogen
5. ✗ Have Imidazole ring

Question Number : 109 Question Id : 696471109 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

True alkaloids contain which type of basic ring?

Options :

1. ✗ Does not have heterocyclic ring
2. ✗ Have heterocyclic ring with nitrogen
3. ✓ Have heterocyclic ring
4. ✗ Does not have heterocyclic ring with nitrogen
5. ✗ Have Imidazole ring

Question Number : 110 Question Id : 696471110 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the correct chemical name of α -pinene.

Options :

1. ✗ 3,7-dimethyl-2,6-octadien-8-ol
2. ✗ 3,7-dimethyl-6-octenol
3. ✓ 2,6,6-trimethylbicyclo-hept-2-ene
4. ✗ 1-methoxy-4-(1-propenyl) benzene
5. ✗ 1,4-peroxido-p-methene-2-ene

Question Number : 110 Question Id : 696471110 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the correct chemical name of α -pinene.

Options :

1. ✗ 3,7-dimethyl-2,6-octadien-8-ol
2. ✗ 3,7-dimethyl-6-octenol
3. ✓ 2,6,6-trimethylbicyclo-hept-2-ene
4. ✗ 1-methoxy-4-(1-propenyl) benzene
5. ✗ 1,4-peroxido-p-methene-2-ene

Question Number : 111 Question Id : 696471111 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following drugs acts by sodium potassium ATPase pump?

Options :

1. ✗ Ephedra
2. ✓ Digitalis
3. ✗ Vinca
4. ✗ Ergot
5. ✗ Hyoscyamine

Question Number : 111 Question Id : 696471111 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following drugs acts by sodium potassium ATPase pump?

Options :

1. ✗ Ephedra
2. ✓ Digitalis
3. ✗ Vinca
4. ✗ Ergot
5. ✗ Hyoscyamine

Question Number : 112 Question Id : 696471112 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Temperature required for incubation of Ampicillin is:

Options :

1. ✗ 33 to 36 °C
2. ✗ 37 to 39 °C
3. ✓ 32 to 35 °C

4. ✘ 30 to 32 °C
5. ✘ 35 to 37 °C

Question Number : 112 Question Id : 696471112 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Temperature required for incubation of Ampicillin is:

Options :

1. ✘ 33 to 36 °C
2. ✘ 37 to 39 °C
3. ✓ 32 to 35 °C
4. ✘ 30 to 32 °C
5. ✘ 35 to 37 °C

Question Number : 113 Question Id : 696471113 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Working standard stock solution of Tetracycline should be used within how many days?

Options :

1. ✓ 1-4 days
2. ✘ 5-7 days
3. ✘ 1-2 days
4. ✘ 7-14 days
5. ✘ 5-10 days

Question Number : 113 Question Id : 696471113 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Working standard stock solution of Tetracycline should be used within how many days?

Options :

1. ✓ 1-4 days
2. ✘ 5-7 days
3. ✘ 1-2 days
4. ✘ 7-14 days
5. ✘ 5-10 days

Question Number : 114 Question Id : 696471114 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Transformation of gene from one bacteria to the another is called:

Options :

1. ✘ Translation

- 2. Transduction
- 3. Transcription
- 4. Transformation
- 5. Transposition

Question Number : 114 Question Id : 696471114 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Transformation of gene from one bacteria to the another is called:

Options :

- 1. Translation
- 2. Transduction
- 3. Transcription
- 4. Transformation
- 5. Transposition

Question Number : 115 Question Id : 696471115 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following constituents of drug arrests the metaphase in mitotic division?

Options :

- 1. Reserpine
- 2. Brucine
- 3. Atropine
- 4. Vincristine
- 5. Diosgenin

Question Number : 115 Question Id : 696471115 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following constituents of drug arrests the metaphase in mitotic division?

Options :

- 1. Reserpine
- 2. Brucine
- 3. Atropine
- 4. Vincristine
- 5. Diosgenin

Question Number : 116 Question Id : 696471116 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Width of DNA molecule is:

Options :

1. ✓ 20° A
2. ✗ 35° A
3. ✗ 28° A
4. ✗ 10° A
5. ✗ 25° A

Question Number : 116 Question Id : 696471116 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Width of DNA molecule is:

Options :

1. ✓ 20° A
2. ✗ 35° A
3. ✗ 28° A
4. ✗ 10° A
5. ✗ 25° A

Question Number : 117 Question Id : 696471117 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Through which bond the nucleotides are joined together in helix?

Options :

1. ✗ Phosphate
2. ✓ Phosphodiesterase
3. ✗ Disulfide
4. ✗ Thiophosphate
5. ✗ Hydrogen

Question Number : 117 Question Id : 696471117 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Through which bond the nucleotides are joined together in helix?

Options :

1. ✗ Phosphate
2. ✓ Phosphodiesterase
3. ✗ Disulfide
4. ✗ Thiophosphate
5. ✗ Hydrogen

Question Number : 118 Question Id : 696471118 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which enzyme is not involved in DNA replication?

Options :

1. ✗ Topoisomerase
2. ✓ Oxidase
3. ✗ Peptidase
4. ✗ Primase
5. ✗ Helicase

Question Number : 118 Question Id : 696471118 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which enzyme is not involved in DNA replication?

Options :

1. ✗ Topoisomerase
2. ✓ Oxidase
3. ✗ Peptidase
4. ✗ Primase
5. ✗ Helicase

Question Number : 119 Question Id : 696471119 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is the result of gene mutation?

Options :

1. ✓ Alteration in m-RNA
2. ✗ Alteration in codons
3. ✗ Change in DNA
4. ✗ Change in t-RNA
5. ✗ Alteration in cistron

Question Number : 119 Question Id : 696471119 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is the result of gene mutation?

Options :

1. ✓ Alteration in m-RNA
2. ✗ Alteration in codons
3. ✗ Change in DNA

4. ✗ Change in t-RNA

5. ✗ Alteration in cistron

Question Number : 120 Question Id : 696471120 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which enzyme converts RNA to DNA in viruses?

Options :

1. ✗ Primase

2. ✗ Transcriptase

3. ✓ Reverse transcriptase

4. ✗ Helicase

5. ✗ Isomerase

Question Number : 120 Question Id : 696471120 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which enzyme converts RNA to DNA in viruses?

Options :

1. ✗ Primase

2. ✗ Transcriptase

3. ✓ Reverse transcriptase

4. ✗ Helicase

5. ✗ Isomerase

Question Number : 121 Question Id : 696471121 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

From which of the following genes the operon is formed?

Options :

1. ✗ Structural gene + Oncogenes

2. ✗ Co-Oncogenes + Antioncogenes

3. ✗ Retrovirus + Operator gene

4. ✓ Structural gene + Operator gene

5. ✗ Regulator gene + Structural gene

Question Number : 121 Question Id : 696471121 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

From which of the following genes the operon is formed?

Options :

1. ✗ Structural gene + Oncogenes
2. ✗ Co-Oncogenes + Antioncogenes
3. ✗ Retrovirus + Operator gene
4. ✓ Structural gene + Operator gene
5. ✗ Regulator gene + Structural gene

Question Number : 122 Question Id : 696471122 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which bond connects Adenine and Thymine in DNA?

Options :

1. ✗ One hydrogen bond
2. ✓ Two hydrogen bonds
3. ✗ Five hydrogen bonds
4. ✗ Ten hydrogen bonds
5. ✗ Four hydrogen bonds

Question Number : 122 Question Id : 696471122 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which bond connects Adenine and Thymine in DNA?

Options :

1. ✗ One hydrogen bond
2. ✓ Two hydrogen bonds
3. ✗ Five hydrogen bonds
4. ✗ Ten hydrogen bonds
5. ✗ Four hydrogen bonds

Question Number : 123 Question Id : 696471123 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Transcription means:

Options :

1. ✗ Formation of nitrogen bases
2. ✗ Unwinding of DNA
3. ✗ Formation of DNA
4. ✓ Single strand RNA is formed from double stranded DNA
5. ✗ Formation of phosphate bonds

Question Number : 123 Question Id : 696471123 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Transcription means:

Options :

1. ✗ Formation of nitrogen bases
2. ✗ Unwinding of DNA
3. ✗ Formation of DNA
4. ✓ Single strand RNA is formed from double stranded DNA
5. ✗ Formation of phosphate bonds

Question Number : 124 Question Id : 696471124 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is false in case of DNA?

Options :

1. ✗ Has double helix structure
2. ✗ Contains nitrogen bases
3. ✓ Present in cytoplasm
4. ✗ Carries genetic information
5. ✗ Contains deoxyribose as sugar moiety

Question Number : 124 Question Id : 696471124 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is false in case of DNA?

Options :

1. ✗ Has double helix structure
2. ✗ Contains nitrogen bases
3. ✓ Present in cytoplasm
4. ✗ Carries genetic information
5. ✗ Contains deoxyribose as sugar moiety

Question Number : 125 Question Id : 696471125 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following defines Bacteriophage?

Options :

1. ✗ Fungi that infects bacteria
2. ✓ A virus that infects and replicates in bacteria

- 3. ✘ Microorganism that infects virus
- 4. ✘ Virus that infects virus
- 5. ✘ Fungi that gets infected by fungi

Question Number : 125 Question Id : 696471125 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following defines Bacteriophage?

Options :

- 1. ✘ Fungi that infects bacteria
- 2. ✓ A virus that infects and replicates in bacteria
- 3. ✘ Microorganism that infects virus
- 4. ✘ Virus that infects virus
- 5. ✘ Fungi that gets infected by fungi

Question Number : 126 Question Id : 696471126 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which component is used for separation of DNA and RNA molecule?

Options :

- 1. ✘ Liquid glucose
- 2. ✘ Alginic acid
- 3. ✓ Agarose gel
- 4. ✘ Cellulose
- 5. ✘ Amylose

Question Number : 126 Question Id : 696471126 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which component is used for separation of DNA and RNA molecule?

Options :

- 1. ✘ Liquid glucose
- 2. ✘ Alginic acid
- 3. ✓ Agarose gel
- 4. ✘ Cellulose
- 5. ✘ Amylose

Question Number : 127 Question Id : 696471127 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which one of the following is true about the function of **DNA helicase enzyme**?

Options :

1. ✗ Arrangement of RNA strands
2. ✓ Unwinding of 2 strands of DNA
3. ✗ Arrangement of DNA strands
4. ✗ Unwinding of RNA strands
5. ✗ Arrangement of both DNA and RNA strands

Question Number : 127 Question Id : 696471127 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which one of the following is true about the function of **DNA helicase enzyme**?

Options :

1. ✗ Arrangement of RNA strands
2. ✓ Unwinding of 2 strands of DNA
3. ✗ Arrangement of DNA strands
4. ✗ Unwinding of RNA strands
5. ✗ Arrangement of both DNA and RNA strands

Question Number : 128 Question Id : 696471128 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Joining of DNA fragments to produce a single DNA molecule is termed as:

Options :

1. ✗ Translation
2. ✓ Ligation
3. ✗ Transcription
4. ✗ Transformation
5. ✗ Mutation

Question Number : 128 Question Id : 696471128 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Joining of DNA fragments to produce a single DNA molecule is termed as:

Options :

1. ✗ Translation
2. ✓ Ligation
3. ✗ Transcription
4. ✗ Transformation

5. ✘ Mutation

Question Number : 129 Question Id : 696471129 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Hecogenin is obtained from _____.

Options :

1. ✘ *Strychnous nuxvomica*
2. ✘ *Withania somnifera*
3. ✘ *Cascara sagrada*
4. ✘ *Glycyrrhiza glabra*
5. ✓ *Agave sagrada*

Question Number : 129 Question Id : 696471129 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Hecogenin is obtained from _____.

Options :

1. ✘ *Strychnous nuxvomica*
2. ✘ *Withania somnifera*
3. ✘ *Cascara sagrada*
4. ✘ *Glycyrrhiza glabra*
5. ✓ *Agave sagrada*

Question Number : 130 Question Id : 696471130 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which of the following drugs both covering and glandular trichomes are present?

Options :

1. ✘ Senna
2. ✘ Datura
3. ✓ Vasaka
4. ✘ Belladonna
5. ✘ Ephedra

Question Number : 130 Question Id : 696471130 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which of the following drugs both covering and glandular trichomes are present?

Options :

1. ✘ Senna

- 2. ✗ Datura
- 3. ✓ Vasaka
- 4. ✗ Belladonna
- 5. ✗ Ephedra

Question Number : 131 Question Id : 696471131 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Garbling is the process of:

Options :

- 1. ✓ Removing the dirty foreign organic matter of plants in post-harvest technology
- 2. ✗ Removal of moisture content from the crude drugs
- 3. ✗ Removal of volatile oil content from crude drugs
- 4. ✗ Removal of ash content from the crude drugs
- 5. ✗ Determination of melting point

Question Number : 131 Question Id : 696471131 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Garbling is the process of:

Options :

- 1. ✓ Removing the dirty foreign organic matter of plants in post-harvest technology
- 2. ✗ Removal of moisture content from the crude drugs
- 3. ✗ Removal of volatile oil content from crude drugs
- 4. ✗ Removal of ash content from the crude drugs
- 5. ✗ Determination of melting point

Question Number : 132 Question Id : 696471132 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which type of glycoside is present in Aloe?

Options :

- 1. ✗ P-glycoside
- 2. ✗ O-glycoside
- 3. ✗ S-glycoside
- 4. ✗ N-glycoside
- 5. ✓ C-glycoside

Question Number : 132 Question Id : 696471132 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which type of glycoside is present in Aloe?

Options :

1. ✗ P-glycoside
2. ✗ O-glycoside
3. ✗ S-glycoside
4. ✗ N-glycoside
5. ✓ C-glycoside

Question Number : 133 Question Id : 696471133 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following chromatographic technique is used in the separation of proteins and polypeptides?

Options :

1. ✓ Gel permeation
2. ✗ Sanger's method
3. ✗ Gillbest method
4. ✗ Finger printing method
5. ✗ Coulson method

Question Number : 133 Question Id : 696471133 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following chromatographic technique is used in the separation of proteins and polypeptides?

Options :

1. ✓ Gel permeation
2. ✗ Sanger's method
3. ✗ Gillbest method
4. ✗ Finger printing method
5. ✗ Coulson method

Question Number : 134 Question Id : 696471134 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following vitamin contains cobalt?

Options :

1. ✗ B1
2. ✗ B2
3. ✗ B6
4. ✓ B12

5. ✘ B3

Question Number : 134 Question Id : 696471134 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following vitamin contains cobalt?

Options :

1. ✘ B1
2. ✘ B2
3. ✘ B6
4. ✓ B12
5. ✘ B3

Question Number : 135 Question Id : 696471135 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Squalene is an intermediate in the synthesis of which of the following Vitamins?

Options :

1. ✘ Vitamin-A
2. ✘ Vitamin-E
3. ✘ Vitamin-C
4. ✓ Vitamin-D
5. ✘ Vitamin-K

Question Number : 135 Question Id : 696471135 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Squalene is an intermediate in the synthesis of which of the following Vitamins?

Options :

1. ✘ Vitamin-A
2. ✘ Vitamin-E
3. ✘ Vitamin-C
4. ✓ Vitamin-D
5. ✘ Vitamin-K

Question Number : 136 Question Id : 696471136 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is a structure of Peptide bond?

Options :

1. ✘ -COOH
2. ✘ -CHO
3. ✘ -CO

4. ✓ -CONH
5. ✗ -O-CO

Question Number : 136 Question Id : 696471136 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is a structure of Peptide bond?

Options :

1. ✗ -COOH
2. ✗ -CHO
3. ✗ -CO
4. ✓ -CONH
5. ✗ -O-CO

Question Number : 137 Question Id : 696471137 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Movement of atoms with respect to particular atom in a molecule is in the same direction is termed as:

Options :

1. ✓ Symmetric stretching
2. ✗ Asymmetric stretching
3. ✗ Molecular stretching
4. ✗ Dipole moment
5. ✗ Forbidden vibrations

Question Number : 137 Question Id : 696471137 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Movement of atoms with respect to particular atom in a molecule is in the same direction is termed as:

Options :

1. ✓ Symmetric stretching
2. ✗ Asymmetric stretching
3. ✗ Molecular stretching
4. ✗ Dipole moment
5. ✗ Forbidden vibrations

Question Number : 138 Question Id : 696471138 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is a sulphur containing Amino acid?

Options :

1. ✗ Alanine

- 2. ✗ Valine
- 3. ✗ Guanine
- 4. ✓ Cysteine
- 5. ✗ Lysine

Question Number : 138 Question Id : 696471138 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is a sulphur containing Amino acid?

Options :

- 1. ✗ Alanine
- 2. ✗ Valine
- 3. ✗ Guanine
- 4. ✓ Cysteine
- 5. ✗ Lysine

Question Number : 139 Question Id : 696471139 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

At what region the alkenes show the intensity in IR?

Options :

- 1. ✓ $3100 - 3000 \text{ cm}^{-1}$
- 2. ✗ $1200 - 988 \text{ cm}^{-1}$
- 3. ✗ $3040 - 3010 \text{ cm}^{-1}$
- 4. ✗ $2500 - 2800 \text{ cm}^{-1}$
- 5. ✗ $1650 - 1660 \text{ cm}^{-1}$

Question Number : 139 Question Id : 696471139 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

At what region the alkenes show the intensity in IR?

Options :

- 1. ✓ $3100 - 3000 \text{ cm}^{-1}$
- 2. ✗ $1200 - 988 \text{ cm}^{-1}$
- 3. ✗ $3040 - 3010 \text{ cm}^{-1}$
- 4. ✗ $2500 - 2800 \text{ cm}^{-1}$
- 5. ✗ $1650 - 1660 \text{ cm}^{-1}$

Question Number : 140 Question Id : 696471140 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Number of NMR signals generated for 2-chloropropane is:

Options :

1. ✗ 4
2. ✗ 1
3. ✗ 0
4. ✓ 3
5. ✗ 6

Question Number : 140 Question Id : 696471140 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Number of NMR signals generated for 2-chloropropane is:

Options :

1. ✗ 4
2. ✗ 1
3. ✗ 0
4. ✓ 3
5. ✗ 6

Question Number : 141 Question Id : 696471141 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Give the multiplicity of the signals for Ethanol in NMR spectrum.

Options :

1. ✗ 2 Singlets
2. ✗ 1 Triplet & 2 Quintlets
3. ✓ Singlet, Triplet and Quartet
4. ✗ Doublet and Triplet
5. ✗ 2 Doublets and 2 Quintlets

Question Number : 141 Question Id : 696471141 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Give the multiplicity of the signals for Ethanol in NMR spectrum.

Options :

1. ✗ 2 Singlets
2. ✗ 1 Triplet & 2 Quintlets
3. ✓ Singlet, Triplet and Quartet
4. ✗ Doublet and Triplet

5. ✘ 2 Doublets and 2 Quintlets

Question Number : 142 Question Id : 696471142 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following solvent cannot be used in Proton NMR spectroscopy?

Options :

1. ✘ CCl_4
2. ✘ Carbon disulfide
3. ✘ Trimethylsilane
4. ✘ CDCl_3
5. ✓ Chloroform

Question Number : 142 Question Id : 696471142 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following solvent cannot be used in Proton NMR spectroscopy?

Options :

1. ✘ CCl_4
2. ✘ Carbon disulfide
3. ✘ Trimethylsilane
4. ✘ CDCl_3
5. ✓ Chloroform

Question Number : 143 Question Id : 696471143 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is false in case of NMR?

Options :

1. ✘ Useful for detecting hydrogen bond
2. ✘ To know aromaticity
3. ✘ To find geometrical isomers
4. ✓ To know the polarity of molecule
5. ✘ To find out the shielding and deshielding effect

Question Number : 143 Question Id : 696471143 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is false in case of NMR?

Options :

1. ✘ Useful for detecting hydrogen bond

- 2. ✗ To know aromaticity
- 3. ✗ To find geometrical isomers
- 4. ✓ To know the polarity of molecule
- 5. ✗ To find out the shielding and deshielding effect

Question Number : 144 Question Id : 696471144 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Radio frequency oscillation is used as a source in which spectroscopy?

Options :

- 1. ✗ UV
- 2. ✗ IR
- 3. ✗ Raman
- 4. ✓ NMR
- 5. ✗ Mass

Question Number : 144 Question Id : 696471144 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Radio frequency oscillation is used as a source in which spectroscopy?

Options :

- 1. ✗ UV
- 2. ✗ IR
- 3. ✗ Raman
- 4. ✓ NMR
- 5. ✗ Mass

Question Number : 145 Question Id : 696471145 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Hydrogen discharge tube is used as source of light commonly in:

Options :

- 1. ✓ UV Spectroscopy
- 2. ✗ IR Spectroscopy
- 3. ✗ NMR Spectroscopy
- 4. ✗ Mass Spectroscopy
- 5. ✗ Raman Spectroscopy

Question Number : 145 Question Id : 696471145 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Hydrogen discharge tube is used as source of light commonly in:

Options :

1. UV Spectroscopy
2. IR Spectroscopy
3. NMR Spectroscopy
4. Mass Spectroscopy
5. Raman Spectroscopy

Question Number : 146 Question Id : 696471146 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If the compound shows wave length at the range of $4-25\mu\text{m}$ then the compound is in which region?

Options :

1. Near IR
2. IR
3. Visible
4. UV
5. Far UV

Question Number : 146 Question Id : 696471146 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If the compound shows wave length at the range of $4-25\mu\text{m}$ then the compound is in which region?

Options :

1. Near IR
2. IR
3. Visible
4. UV
5. Far UV

Question Number : 147 Question Id : 696471147 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not an example of chromophore?

Options :

1. Vitamin-A
2. Octane-3
3. Carboxyl
4. Butadiene
5. Benzene

Question Number : 147 Question Id : 696471147 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not an example of chromophore?

Options :

1. ✘ Vitamin-A
2. ✘ Octane-3
3. ✘ Carboxyl
4. ✘ Butadiene
5. ✓ Benzene

Question Number : 148 Question Id : 696471148 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Cuvettes in UV spectroscopy are made up of:

Options :

1. ✘ Plastic
2. ✘ Rubber
3. ✓ Quartz
4. ✘ Diamond
5. ✘ Glass

Question Number : 148 Question Id : 696471148 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Cuvettes in UV spectroscopy are made up of:

Options :

1. ✘ Plastic
2. ✘ Rubber
3. ✓ Quartz
4. ✘ Diamond
5. ✘ Glass

Question Number : 149 Question Id : 696471149 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The source of IR radiation in IR spectroscopy is:

Options :

1. ✘ Tungsten filament
2. ✘ Deuterium lamp
3. ✘ Calomel electrode
4. ✓ Nernst glower

5. ✘ Transmission electrode

Question Number : 149 Question Id : 696471149 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The source of IR radiation in IR spectroscopy is:

Options :

1. ✘ Tungsten filament
2. ✘ Deuterium lamp
3. ✘ Calomel electrode
4. ✓ Nernst glower
5. ✘ Transmission electrode

Question Number : 150 Question Id : 696471150 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following vitamin is used as stabilizing agent in manufacture of drugs?

Options :

1. ✘ Vitamin-K
2. ✘ Vitamin-B12
3. ✘ Vitamin-B2
4. ✘ Vitamin-B6
5. ✓ Vitamin-E

Question Number : 150 Question Id : 696471150 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following vitamin is used as stabilizing agent in manufacture of drugs?

Options :

1. ✘ Vitamin-K
2. ✘ Vitamin-B12
3. ✘ Vitamin-B2
4. ✘ Vitamin-B6
5. ✓ Vitamin-E