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Bihar Police Constable

**Memory Based Paper
21 Aug, 2024**



100 Questions

Que. 1 Usha Uthup of West Bengal won the Padma Shri for which field?

1. Literature
2. Social Work
3. Arts
4. Theatre

Correct Option - 3

Que. 2 The first case of COVID-19 in India was confirmed in the State of

1. Karnataka
2. Maharashtra
3. Delhi
4. Kerala

Correct Option - 4

Que. 3 Which state is the largest producer of Silver in the country?

1. Andhra Pradesh
2. Madhya Pradesh
3. West Bengal
4. Rajasthan

Correct Option - 4

Que. 4 The first opium war ended by the treaty of

1. Nanking
2. Tienntsin
3. Peking
4. Tianjin

Correct Option - 1

Que. 5 Which amendment act added the Fundamental duties in the constitution?

1. 44th Constitutional Amendment Act
2. 42nd Constitutional Amendment Act
3. 51st Constitutional Amendment Act
4. 38th Constitutional Amendment Act

Correct Option - 2

Que. 6 When is the World Population Day observed?

1. 8 July
2. 9 July
3. 10 July
4. 11 July

Correct Option - 4

Que. 7 'Nilgiri Hills' are known as the _____.

1. Tea Treasures
2. Roof of the World
3. King of hills
4. Blue Mountains

Correct Option - 4

Que. 8 The resolution for removal of Vice President of India should be moved in:

1. Lok Sabha
2. Rajya Sabha
3. Either of the Houses
4. None of these

Correct Option - 2

Que. 9 The Kosi river joins the river Ganga in _____ district of Bihar.

1. Bhojpur
2. Gaya
3. Katihar
4. Jamui

Correct Option - 3

Que. 10 The famous 'Sonepur Cattle Fair' of Bihar is organised at the confluence of which two rivers?

1. Ganges and Gandak
2. Ganges and Kosi
3. Mahananda and Gandak
4. Gandak and Kosi

Correct Option - 1

Que. 11 Which of the following lake is an example of 'Crater Lake'?

1. Nainital
2. Lonar Lake
3. Tso Moriri Lake
4. Asthamudi Lake

Correct Option - 2

Que. 12 In which of the following states is Atal Setu bridge located that was inaugurated in 2024?

1. West Bengal
2. Goa
3. Maharashtra
4. Madhya Pradesh

Correct Option - 3

Que. 13 Where is the Sambhar Lake situated?

1. Uttar Pradesh
2. Rajasthan
3. Gujarat
4. Madhya Pradesh

Correct Option - 2

Que. 14 Vishnupada Mandir is situated on the bank of which of the following river?

1. Shipra
2. Koshi
3. Falgu
4. PunPun

Correct Option - 3

Que. 15 The largest irrigation canal in India is _____.

1. Upper Bari Doab Canal
2. Indira Gandhi Canal
3. Sirhind canal
4. Yamuna canal

Correct Option - 2

Que. 16 Jhoom agriculture is also known as _____.

1. Shifting
2. Pastoral livestock
3. Commercial Farming
4. Mixed Farming

Correct Option - 1

Que. 17 Industrial Revolution started in which of the following country?

1. America
2. England
3. France
4. Russia

Correct Option - 2

Que. 18 The Spirit of the Laws was written by whom?

1. Blaise Pascal
2. Montesquieu
3. Denis Diderot
4. Voltaire

Correct Option - 2

Que. 19 As per census 2011 the percentage of urban population in India was _____.

1. 31.16
2. 41.8
3. 25.8
4. 21.8

Correct Option - 1

Que. 20 73rd Amendment to the Constitution of India provides for:

1. Two tiers of Panchayati Raj institutions at the village and district levels
2. Two tiers of Panchayati Raj institutions at the village and block levels
3. Two tiers of Panchayati Raj institutions at the block and district levels
4. Three tiers of Panchayati Raj institutions at the village, block and district levels.

Correct Option - 4

Que. 21 Which of the following books has been written by Munshi Premchand?

1. Gitanjali

2. Gora
3. Chokher Bali
4. Nirmala

Correct Option - 4

Que. 22 Inflation is caused by-

1. Decrease in money supply
2. Decrease in demand
3. Increase in money supply
4. Tightens interest rates

Correct Option - 3

Que. 23 The Dhola-Sadiya Bridge, dedicated to the nation by Prime Minister Narendra Modi, is built across which river?

1. Ganges River
2. Lohit River
3. Narmada River
4. Yamuna River

Correct Option - 2

Que. 24 Who was the leader of Bolshevik Revolution in Russia?

1. Lenin
2. Stalin
3. Bulganin
4. Rousseau

Correct Option - 1

Que. 25 The 'Vikramshila University' in Bihar was founded by which of the following kings?

1. Gopala II
2. Devapala
3. Gopala I
4. Dharampala

Correct Option - 4

Que. 26 The first attempt to calculate national income in India was made by:

1. Dadabhai Naoroji
2. VKRV Rao

3. PC Mahalanobis
4. SD Tendulkar

Correct Option - 1

Que. 27 84th Amendment extended the ban on readjustment of seats in the Lok Sabha and the state legislative assemblies for another _____ years.

1. 25
2. 15
3. 20
4. 30

Correct Option - 1

Que. 28 Where was the headquarters of International Financial Services Centres Authority (IFSCA) set up in India in April 2020?

1. Bhopal
2. Bengaluru
3. Mumbai
4. Gandhinagar

Correct Option - 4

Que. 29 World water day is observed on -

1. March 24
2. March 26
3. March 20
4. March 22

Correct Option - 4

Que. 30 In which year the Central Information Commission was established?

1. 2005
2. 2006
3. 2007
4. 2008

Correct Option - 1

Que. 31 Arrange the following books in their chronological order of publication.

- A. Hemchandra Raychaudhuri - Political History of Ancient India.
- B. R. C. Majumdar - Ancient India.

C. A. S. Altekar - The Position of Women in Hindu Civilization

D. K. P. Jayaswal - Hindu Polity

E. P. T. S. Aiyangar - History of Tamils to 600 A. D.

Choose the **correct** answer from the options given below:

1. A, B, C, E, D
2. A, C, E, D, B
3. A, D, E, C, B
4. B, C, D, E, A

Correct Option - 3

Que. 32 Agriculture and fishing activities belong to which sector?

1. Organized sector
2. Tertiary sector
3. Primary sector
4. Secondary sector

Correct Option - 3

Que. 33 Article 44 is concerned with

1. Right to freedom of movement
2. Powers of Supreme Court
3. Prohibition
4. Uniform Civil Code

Correct Option - 4

Que. 34 _____ are foreign currency assets held by the central banks of countries.

1. Rate exchange
2. Foreign exchange Reserves
3. Credit control
4. Local exchange

Correct Option - 2

Que. 35 Who was the major leader of Darbhanga Peasant Movement in 1919-20?

1. Babu Krishna Singh
2. Sahajanand Saraswati
3. Swami Vidyaranand
4. Babu Ramdayalu Singh

Correct Option - 3

Que. 36 Which of the following states has the highest poverty rate in India, according to the Multidimensional Poverty Index (MPI) 2021?

1. Madhya Pradesh
2. Jharkhand
3. Uttar Pradesh
4. Bihar

Correct Option - 4

Que. 37 Who among the following is considered as the founder of Islam?

1. Prophet Noah
2. Prophet Yusuf
3. Prophet Muhammad
4. Prophet Abraham

Correct Option - 3

Que. 38 The 'Prayag Prashasti' also known as the Allahabad Pillar Inscription was composed by whom in Sanskrit?

1. Harishena
2. Chanakya
3. Panini
4. Banabhatta

Correct Option - 1

Que. 39 The oxygen evolved during photosynthesis comes from splitting of

1. water
2. carbon dioxide
3. oxygen
4. light

Correct Option - 1

Que. 40 Which chemical is present in the cells of cork of tree which makes them impervious to gases and water?

1. Cellulose
2. Suberin
3. Pectin
4. Lignin

Correct Option - 2

Que. 41 The escape velocity at the earth's surface is

1. 11.2 km/s
2. 112 km/s
3. 1.12 km/s
4. 11.2 m/s

Correct Option - 1

Que. 42 The pH of rain water, is approximately:

1. 5.6
2. 7.5
3. 7.0
4. 6.5

Correct Option - 1

Que. 43 Which of the following animals is **not** an example of mammal?

1. Cow
2. Platypus
3. Penguin
4. Dolphin

Correct Option - 3

Que. 44 The absolute refractive index of air is:

1. 1.03
2. 1.00003
3. 1.003
4. 1.0003

Correct Option - 4

Que. 45 What will be the focal length of a concave lens of power of -4 dioptre (D)?

1. 50 cm
2. -25 cm
3. -50 cm
4. 25 cm

Correct Option - 2

What is the genetic makeup of normal human female?

Que. 46

1. XX Chromosome
2. XY Chromosome
3. XXY Chromosome
4. XO Chromosome

Correct Option - 1

Que. 47

The full form of DNA is:

1. deoxyribeneutral acid
2. deltanucleic acid
3. deoxyribonucleic acid
4. dyoxyenucleic acid

Correct Option - 3

Que. 48

Which of the following plant hormones inhibits growth?

1. Cytokinins
2. Abscisic acid
3. Gibberellins
4. auxins

Correct Option - 2

Que. 49

The movement of water molecules through a semipermeable membrane is called:

1. Diffusion
2. Osmosis
3. Contraction
4. None of these

Correct Option - 2

Que. 50

Which instrument is used to measure blood pressure?

1. Barometer
2. Hygrometer
3. Sphygmomanometer
4. Thermometer

Correct Option - 3

Que. 51

In 1820, who found that electric current causes a nearby magnetic needle to move and thus discovered electromagnetism?

1. Benjamin Franklin
2. James Clerk Maxwell
3. Hans Christian Oersted
4. Andre-Marie Ampere

Correct Option - 3

Que. 52 Each trait in the child can be influenced by _____ DNA.

1. only paternal
2. only maternal
3. both paternal and maternal
4. neither paternal nor maternal

Correct Option - 3

Que. 53 What is the process by which autotrophs take in substances from the outside and convert them into stored form of energy?

1. Respiration
2. Photosynthesis
3. Ingestion
4. Transpiration

Correct Option - 2

Que. 54 The unique ability of carbon to form bonds with other atoms of carbon is called as _____.

1. Ionization
2. Catenation
3. Acidification
4. No option is correct

Correct Option - 2

Que. 55 A plant that does NOT grow through vegetative propagation is _____.

1. Rose
2. Papaya
3. Banana
4. Orange

Correct Option - 2

Que. 56 Gaseous exchange takes place in leaves through tiny pores for the purpose of photosynthesis. What are these pores?

1. Chloroplast
2. Stomata
3. Chlorophyll
4. Vacuole

Correct Option - 2

Que. 57 Which of the following gets activated upon illumination and generates electrical signal?

1. Light sensitive cell
2. Optic nerve
3. Ciliary muscles
4. Vitreous humour

Correct Option - 1

Que. 58 Mendel worked on:

1. Edible pea
2. Wild pea
3. Garden pea
4. Pigeon Pea

Correct Option - 3

Que. 59 A current of 0.5 A is drawn by a filament of an electric bulb for 20 minutes, find the amount of electric charge that flows through the circuit.

1. 300 Coulomb
2. 600 Coulomb
3. 2400 Coulomb
4. 20 Coulomb

Correct Option - 2

Que. 60 What percentage of carbon does the Earth's crust have in the form of minerals?

1. 8%
2. 15%
3. 2%
4. 0.02%

Correct Option - 4

Que. 61 _____ is the main thinking part of the brain-

1. Medulla

2. Forebrain
3. Spinal cord
4. Middle brain

Correct Option - 2

Que. 62 The centre of curvature of a concave mirror lies _____.

1. below the mirror
2. behind the mirror
3. above the mirror
4. in front of the mirror

Correct Option - 4

Que. 63 The metals can be beaten into thin sheets, the property is called _____.

1. Sonority
2. Malleability
3. Ductility
4. Lustre

Correct Option - 2

Que. 64 In how many parts is the human brain divided?

1. 2
2. 3
3. 4
4. 5

Correct Option - 2

Que. 65 In pea, a pure tall plant (TT) is crossed with a short plant (tt). What will be the ratio of pure tall plants to short plants in the F_2 generation ?

1. 1 : 1
2. 1 : 3
3. 3 : 1
4. 2 : 1

Correct Option - 1

Que. 66 Why does silver chloride turn white in sunlight?

1. Due to rusting of silver in the presence of oxygen
2. Due to redox reaction

3. Due to decomposition of silver chloride into silver and chlorine by light.
4. Due to displacement of silver chloride into silver oxide

Correct Option - 3

Que. 67 The disease Kala-Azar is caused by

1. Escherichia coli
2. Leishmania
3. Amoeba
4. Clostridium

Correct Option - 2

Que. 68 Covalent bonds are formed by the sharing of electrons between two atoms so that both can achieve a completely filled _____ shell.

1. outermost
2. innermost
3. centre
4. proper

Correct Option - 1

Que. 69 Select the option that expresses the given sentence in passive voice.

Radha always plays the sitar.

1. The sitar is always played by Radha.
2. The sitar was always played by Radha.
3. The sitar is always play by Radha.
4. The sitar is always being played by Radha.

Correct Option - 1

Que. 70 Choose the correct article for the sentence below

"Many _____ flower is born to blush unseen."

1. an
2. the
3. a
4. No article

Correct Option - 3

Que. 71 (a) The voice said, "I am a Yaksha".

(b) He says, 'Laws die, books never'.

(c) Shakespeare says : Do wrong to none.

Identify the sentence/s punctuated correctly.

1. Only (a) and (b)
2. Only (b) and (c)
3. Only (a) and (c)
4. Only (b)

Correct Option - 1

Que. 72 The sentence given with blanks are to be filled with an appropriate word. Four alternatives are suggested for each question. For the sentence, choose the correct alternative and click the button corresponding to it.

There is an ocean of difference between _____ childhood of our parents and ours.

1. a
2. the
3. an
4. of

Correct Option - 2

Que. 73 Fill in the blank with the correct preposition.

The boy looked uncomfortable and out ____ place among the adults.

1. off
2. in
3. from
4. of

Correct Option - 4

Que. 74 Parts of the following sentence are given as options. Identify the segment that contains a grammatical error.

They were completely taking unawares by the shocking remarks of Mr. Sharma about the security of the colony.

1. of the colony
2. by the shocking remarks
3. about the security
4. were completely taking unawares

Correct Option - 4

Que. 75 Complete the sentence with the correct option:

"My brother goes for a walk daily. He walks very _____.

1. Fast
2. Quick
3. Slow
4. Fastly

Correct Option - 1

Que. 76 Read the following information carefully and answer the given questions.

Research published in the journal Hindawi in 2018 stated that 11 percent of the total Indian population (that accounts for around 42 million people) is suffering from hypothyroidism. It's an alarming situation as that means that more than one in every 10 Indians is suffering from a dysfunctioning thyroid.

The thyroid is a butterfly-shaped gland located at the front of the neck, right below Adam's apple. It helps regulate many body functions by constantly releasing a steady amount of thyroid hormones into the bloodstream. Thyroid dysfunction can present itself either as hyperthyroidism or as hypothyroidism. Hyperthyroidism occurs when your thyroid gland produces too much of the hormone thyroxine which accelerates the body's metabolism and may lead to various changes in the body including weight loss. Hypothyroidism is marked with decreased production of thyroxine leading to slowing down of the metabolism, thus, causing weight gain and cold insensitivity.

Scientists believe that thyroid dysfunction may alter carbohydrate metabolism by influencing insulin in such a way that it results in the development of type 2 diabetes mellitus and vice versa. They also believe that for individuals who have prediabetes and low thyroid function, diabetes treatment or lifestyle adjustments (like proper diet and exercise) could be prompted in an earlier stage.

They further stated that thyroid treatment should be started for people with both subclinical hypothyroidism and prediabetes to prevent the chances of getting type 2 diabetes.

Which of the following statement is NOT true about hypothyroidism as per the given passage?

1. Hypothyroidism accelerates the metabolism of the body.
2. It also increases the cold insensitivity.
3. It causes weight gain in the person.
4. It is marked with decreased production of thyroxine.

Correct Option - 1

Que. 77 What is the central idea of the passage?

1. To understand the complexity of the thyroid gland in our body.
2. To give a brief idea about thyroid dysfunction and its types
3. To inform about various consequences of thyroid dysfunction on our body.
4. To analyze various researches conducted for thyroid dysfunction.

Correct Option - 2

Que. 78 What can be concluded from the given passage?

1. Thyroid dysfunction should be taken seriously.
2. Hypothyroidism needs more attention than hyperthyroidism.
3. Proper diet is mandatory in thyroid dysfunction.

4. Type 2 diabetes is harmful for health.

Correct Option - 1

Que. 79 निम्नलिखित में से निश्चयवाचक सर्वनाम है :

1. यह
2. कौन
3. क्या
4. कुछ

Correct Option - 1

Que. 80 'अन्वेषण' शब्द का सही संधि-विच्छेद है-

1. अनु + एषण
2. अनू + एषण
3. अन + एषण
4. अन + ऐषण

Correct Option - 1

Que. 81 'मितभाषी' शब्द किस वाक्यांश के लिए उपयुक्त है?

1. जो मीठा बोलता हो।
2. जो बिना विचारे बोलता हो।
3. जो कम बोलता हो।
4. जो धीरे-धीरे बोलता हो।

Correct Option - 3

Que. 82 निम्नलिखित शब्दों में गुणवाचक विशेषण शब्द है :

1. ताज़ा
2. सब
3. बहुत
4. चार

Correct Option - 1

Que. 83 बहुवचन है:

1. प्राण
2. पृथ्वी

3. ईश्वर
4. प्रजा

Correct Option - 1

Que. 84 'नवरत्न' शब्द में निम्न में से कौन सा समास है?

1. तत्पुरुष समास
2. द्विगु समास
3. कर्मधारय समास
4. बहुव्रीहि समास

Correct Option - 2

Que. 85 'कर्मभूमि' पुस्तक के लेखक कौन है?

1. मुंशी प्रेमचंद
2. हज़ारीप्रसाद द्विवेदी
3. रामचन्द्र शुक्ल
4. चतुरसेन शास्त्री

Correct Option - 1

Que. 86 **निर्देश :** निम्नलिखित अवतरण को ध्यानपूर्वक पढ़िए और पूछे गए प्रश्नों के सही विकल्प चुनकर उत्तर पत्रक में चिह्नित कीजिए।

संस्कृति और सभ्यता की समानता और असमानता को इस प्रकार समझा जा सकता है कि मानवीय मेधा और प्राणशक्ति का विकास दो ही स्तरों पर घटित होता है। 1. भौतिक स्तर पर और 2. मानसिक स्तर पर। मानसिक स्तर पर यहाँ अभिप्राय मन, बुद्धि और आत्मा - इन तीनों की सम्मिलित सत्ता से है। सभ्यता मनुष्य के भौतिक स्तर का विकास है तो संस्कृति मनुष्य के मानसिक विकास का। जहाँ एक और सभ्यता का अर्थ मनुष्य के दैनिक जीवन की आवश्यकताओं तथा सुख-सुविधा की अतृप्त लालसा की पूर्ति के लिए निर्मित विराट तंत्र संस्थान (Techniques) से है तो दूसरी ओर सभ्यता का कार्य है एक ऐसी सामाजिक व्यवस्था को जन्म देना जो नीतियों और नियमों पर आधारित हो। प्रत्येक राष्ट्र की निजी संस्कृति होती है जो उसको एक सूत्र में पिरोये रखती है- रीति-रिवाज, साहित्य, शिक्षा, कला, रहन-सहन, जीवन- दर्शन एवं मान्यताओं सभी का समाहार संस्कृति के अंतर्गत हो जाता है। संस्कृति मानव के जीवन-वृक्ष का पुष्ट है। उसकी सुगंध में राष्ट्र की अस्मिता अंतर्निहित होती है।

उपर्युक्त अवतरण का उपयुक्त शीर्षक है-

1. संस्कृति और सभ्यता
2. संस्कृति और साहित्य
3. संस्कृति और आत्मा
4. संस्कृति और कला

Correct Option - 1

Que. 87 आत्मा किस आधार पर खड़ी है ?

1. चारों ओर का वातावरण
2. भौतिक सुख
3. बाह्य जीवन
4. आंतरिक आधार

Correct Option - 4

Que. 88 सामाजिक नियम का आधार है -

1. भावना
2. बुद्धि
3. लालसा
4. नीति

Correct Option - 4

Que. 89 The value of $5 + (12 - 3 \times 4) - 6 \div 2$ is :

1. 6
2. -2
3. 2
4. -6

Correct Option - 3

Que. 90 A train travelling at 72 km/h crosses a post in 12 seconds. What is the length of the train?

1. 240 m
2. 200 m
3. 180 m
4. 225 m

Correct Option - 1

Que. 91 Sumit's salary was reduced by 40% and thereafter it was increased by 40%. Find the final loss% in his salary.

A. 16%
B. 45%
C. 44%
D. 66%

1. A
2. D

3. B
4. C

Correct Option - 1

Que. 92 The curved surface area of a cylinder is 1848 cm^2 and its base radius is 19.6 cm. The height of the cylinder is :

1. 13 cm
2. 15 cm
3. 14 cm
4. 17 cm

Correct Option - 2

Que. 93 What is the product of LCM and HCF of 18 and 42?

1. 736
2. 746
3. 756
4. 766

Correct Option - 3

Que. 94 A trader gives two successive discounts of 18% and 20%. If the marked price is ₹11,000, then the selling price is:

1. ₹6,926
2. ₹6,716
3. ₹7,926
4. ₹7,216

Correct Option - 4

Que. 95 What is the simple interest of the sum of 1200 at 6% per annum for 5 years?

1. 360
2. 460
3. 560
4. 660

Correct Option - 1

Que. 96 If Rs. 87 was divided between James and Radha in the ratio 1 : 2, how much money did Radha get?

1. Rs. 29
2. Rs. 57

3. Rs. 59
4. Rs. 58

Correct Option - 4

Que. 97 Find the sum of $6 + 8 + 10 + 12 + 14 + \dots + 40$.

1. 424
2. 400
3. 1600
4. 414

Correct Option - 4

Que. 98 The average marks scored by a student in 4 subjects is 75. But when the marks of English are added to it, the overall average became 70. How much did he score in English?

1. 50
2. 60
3. 55
4. 65

Correct Option - 1

Que. 99 During Quit India Movement, who among the following escaped from the Hazaribagh Jail?

1. Sachchidananda Sinha
2. Jayaprakash Narayan
3. Jagjivan Ram
4. Rafi Ahmed Kidwai

Correct Option - 2

Que. 100 The 'split system' in the Indian administration relates to

1. Audit/Accounts
2. Union/States
3. Policy/Implementation
4. All India Services/Central Services

Correct Option - 3