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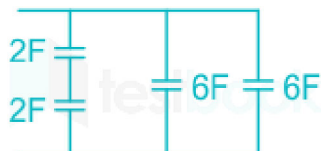
Bihar Police Constable

Memory Based Paper
14 Mar, 2021 Shift 2



100 Questions

Que. 1 What is the total capacitance in the given circuit?



1. 7 F
2. 13 F
3. 4.3 F
4. 16 F

Correct Option - 2

Que. 2 What was the theme of International Judicial Conference held in Delhi?

1. Judiciary and The Changing World
2. Uniting the World for Children through Enforceable World Law and Effective Global governance
3. If you want Peace and Development, Work for Social Justice
4. Digital Judiciary and World

Correct Option - 1

Que. 3 Which state of India is having the lowest forest cover?

1. Punjab
2. Tripura
3. Haryana
4. Goa

Correct Option - 3

Que. 4 Fiscal deficit percentage of GSDP of Bihar as per budget 2020-21 is?

1. 2.97%
2. 3.25%
3. 4.30%
4. 2.80%

Correct Option - 1

Que. 5 The play 'Andher Nagri Chaupat Raja' is written by which of the following?

1. Mahavir Prasad Dwivedi
2. Maithilisharan Gupta
3. Sumitranandan Pant
4. Bharatendu Harishchandra

Correct Option - 4

Que. 6 Light year is a measure of

1. Time

2. Distance
3. Total amount of light falling on the earth in a year
4. Average intensity of light falling on the earth in a year

Correct Option - 2

Que. 7 Acid reacts with metal to form salt and liberates _____ gas.

1. Oxygen
2. Hydrogen
3. Carbon Dioxide
4. Nitrogen

Correct Option - 2

Que. 8 A soap bubble and a liquid drop both have same surface tension and radius, then which will have more excess pressure inside it?

1. Soap bubble
2. Liquid drop
3. Both have same excess pressure
4. Can't say

Correct Option - 1

Que. 9 The _____ regulates and controls the amount of light entering the eye.

1. pupil
2. retina
3. cornea
4. iris

Correct Option - 1

Que. 10 प का उच्चारण स्थान है:-

1. दंत
2. तालू
3. ओष्ठ
4. कंठ

Correct Option - 3

Que. 11 The substance that is usually lost by the body during dehydration is-

1. Sodium chloride
2. Sugar
3. Potassium chloride
4. Calcium Phosphate

Correct Option - 1

Que. 12 Which of the following plays an important role in regulating the amount of light entering into the eye?

1. Cornea
2. Pupil

3. Crystalline lens
4. Sclera

Correct Option - 2

Que. 13 Where can one find the Zonal Headquarters of East Central Railways?

1. Patna
2. Hajipur
3. Gorakhpur
4. Sonapur

Correct Option - 2

Que. 14 The English defeated the _____ in the battle of Wandiwash.

1. German
2. French
3. Indians
4. Americans

Correct Option - 2

Que. 15 Which of the following is the lightest metal?

1. Mercury
2. Silver
3. Lithium
4. Lead

Correct Option - 3

Que. 16 Dohra Abhishap is an autobiography of?

1. Koushalya Baishantri
2. Godavarthi Satyamurthy
3. Chaganti Koteswara Rao
4. Sankurathri Chandrasekhar

Correct Option - 1

Que. 17 Which of the following books is related to poems of Arun Kamal?

1. Apni Keval Dhar
2. Gita Govinda
3. Abhinaya Darpana Prakasha
4. Madhushala

Correct Option - 1

Que. 18 In March 2020 who was sworn in as the Prime Minister of Malaysia?

1. Muhyiddin Yassin
2. Azis Jamman
3. Ahmad Zahid Hamidi
4. Najib Razak

Correct Option - 1

Que. 19 'कान खड़े होना' मुहावरे का अर्थ बताइये।

1. कहीं जाने में अशक्त होना
2. हर प्रकार का अनुभव होना
3. उन्नति करना
4. सचेत होना

Correct Option - 4

Que. 20 Who was the teacher of Sheikh Nizamuddin Auliya?

1. Sheikh Alauddin Sabir
2. Sheikh Ahmed Sirhind
3. Khwaja Moinuddin Chisti
4. Baba Farid

Correct Option - 4

Que. 21 Coal Mines are located in which district of Madhya Pradesh?

1. Singrauli
2. Bhind
3. Dewas
4. Harda

Correct Option - 1

Que. 22 Which Fundamental Right in the Indian Constitution prohibits trafficking, forced labour, and children working under 14 years of age?

1. Right to Equality
2. Right to Freedom
3. Right against Exploitation
4. Right to Freedom of Religion

Correct Option - 3

Que. 23 Ashok Mehta committee is related to?

1. Police reforms
2. Tax reforms
3. Panchayati Raj
4. Electoral reforms

Correct Option - 3

Que. 24 Read the following passage and choose the correct answer to the question that follows:

There is an enemy beneath our feet - an enemy more deadly for his complete impartiality. He recognises no national boundaries, no political parties. Everyone in the world is threatened by him. The enemy is the earth itself. When an earthquake strikes, the world trembles. The power of a quake is greater than anything man himself can produce. But today scientists are directing a great deal of their effort into finding some way of combating earthquakes, and it is possible that at some time in the near future mankind will have discovered a means of protecting itself from earthquakes. An earthquake strikes without warning. When it does, its power is immense. If it strikes a modern city, the damage it causes is as great as

if it has struck a primitive village. Gas mains burst, explosions are caused and fires are started. Underground railways are wrecked. Buildings collapse, bridges fall, dams burst, gaping crevices appear in busy streets. If the quake strikes at sea, huge tidal waves sweep inland. If it strikes in mountain regions, avalanches roar down into the valley. Consider the terrifying statistics from the past 1755 : Lisbon, Capital of Portugal - the city destroyed entirely and 450 killed. 1970 ; Peru : 50,000 killed. In 1968 an earthquake struck Alaska. As this is a relatively underpopulated part, only a few people were killed. But it is likely that this was one most powerful quakes ever to have hit the world. Geologists estimate that during the tremors, the whole of the state moved over 80 feet farther west into the Pacific Ocean. Imagine the power of something that can move an entire subcontinent ! This is the problem that the scientists face. They are dealing with forces so immense that man cannot hope to resist them. All that can be done is to try to pinpoint just where the earthquake will strike and work from there. At least some precautionary measures can then be taken to save lives and some of the property.

The central idea of the passage is

- 1. enemies
- 2. earthquake and the damage they cause
- 3. how to prevent earthquakes
- 4. None of these

Correct Option - 2

Que. 25 What is the growth rate of Service Sector in India in 2019-20?

- 1. 8%
- 2. 7%
- 3. 2%
- 4. 5%

Correct Option - 2

Que. 26 If $A = \begin{bmatrix} 1 & x \\ 0 & 1 \end{bmatrix}$, then what is the value of A^n ? Where n is any natural number.

- 1. $\begin{bmatrix} n & x \\ 0 & n \end{bmatrix}$
- 2. $\begin{bmatrix} n & nx \\ 0 & n \end{bmatrix}$
- 3. $\begin{bmatrix} 1 & nx \\ 0 & 1 \end{bmatrix}$
- 4. $\begin{bmatrix} 1 & x^n \\ 0 & 1 \end{bmatrix}$

Correct Option - 3

Que. 27 Who can remove a Judge of a High Court?

- 1. President on his own
- 2. Governor on the advice of the Chief Minister
- 3. The President on the advice of the Chief Justice of India
- 4. The President on the resolution of parliament passed by a special majority

Correct Option - 4

Que. 28 Who was the Chairman of the inaugural session of the constituent assembly?

- 1. Dr. B.R.Ambedkar

2. Dr. Rajendra Prasad
3. Dr. Sacchidanand
4. Sardar Patel

Correct Option - 3

Que. 29 करुण रस का स्थाई भाव क्या होता है?

1. लज्जा
2. ममता
3. शोक
4. स्नेह

Correct Option - 3

Que. 30 The marginal propensity to consume, lies between _____.

1. 0 to Infinity
2. 0 to 1
3. -1 to 1
4. 1 to 10

Correct Option - 2

Que. 31 ऊर्ध्वाधर और क्षैतिज आरक्षण के क्या बीच अंतर है ?

This sentence can be translated into English as:

1. What is the difference between longitudinal and latitudinal reservation?
2. What is the difference between longitudinal and latitudinal confirmation?
3. What is the difference between parallel and upright reservation?
4. What is the difference between vertical and horizontal reservation?

Correct Option - 4

Que. 32 Who of the following first used the word biodiversity?

1. C.J. Barrow
2. De Katri
3. Walter G. Rosen
4. D.R. Batish

Correct Option - 3

Que. 33 Who among the following is the author of the book 'A Passage to England'?

1. V S Naipaul
2. Khushwant Singh
3. Salman Rushdie
4. Nirad C Chaudhuri

Correct Option - 4

Que. 34 $\frac{[(0.1)^2 - (0.01)^2]}{0.0001} + 2$ is equal to -

1. 101

2. 1.01
3. 100
4. 1.10

Correct Option - 1

Que. 35 Where was the United Nations Charter signed by 51 original members of the United Nations?

1. Hague Conference
2. London Conference
3. San Francisco Conference
4. Berlin Conference

Correct Option - 3

Que. 36 What is the term of Estimates Committee of the Parliament?

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

Correct Option - 1

Que. 37 At which one of the following places did Mahatma Gandhi first start his Satyagraha in India?

1. Ahmedabad
2. Kheda
3. Bardoli
4. Champaran

Correct Option - 4

Que. 38 Which of the following yojana is launched in Bihar for women's free-of-cost abortion care from accredited private clinics?

1. Yukti Yojana
2. Bihar Mukjyamantri Kanya Utthan Yojana
3. Mukhyamantri Jhuggi Jhopdi Mahila Saksharta Yojana
4. SWADHAR Greh Scheme

Correct Option - 1

Que. 39 The type of hybridization and number of lone pair(s) of electrons of Xe in XeOF_4 , respectively, are

1. $\text{sp}^3 \text{d}^2$ and 1
2. $\text{sp}^3 \text{d}$ and 2
3. $\text{sp}^3 \text{d}$ and 1
4. $\text{sp}^3 \text{d}^2$ and 2

Correct Option - 1

Que. 40 Choose the correct answer to the question from the options that follow it.

A notice should always be

1. Formal, brief and to the point

2. Informal, long and explanatory
3. Formal but not direct
4. Formal and direct but never factual

Correct Option - 1

Que. 41 On which date, a Naval Central Strike committee was elected in order to deal with the rising strikes by Indian sailors of the RIN?

1. 19th February 1947
2. 18th February 1947
3. 19th February 1946
4. 18th February 1946

Correct Option - 3

Que. 42 Which of the following diseases is not caused by mosquitoes?

1. Dengue
2. Filariasis
3. Plague
4. None of the above

Correct Option - 3

Que. 43 The red colour of tomato is due to the presence of which of the following compounds in it?

1. Lutein
2. Lycopene
3. Flavones
4. β -carotene

Correct Option - 2

Que. 44 If x and y are natural numbers and $x + y = 2$, then -

1. $x = y$
2. $x \neq y$
3. $x > y$
4. $x < y$

Correct Option - 1

Que. 45 The old man kicked the bucket.

The above sentence means :

1. The old man stole the bucket.
2. The old man lifted the bucket.
3. The old man befooled the visitor.
4. The old man died.

Correct Option - 4

Que. 46 If n resistors with $R \Omega$ each as resistance are connected in parallel, then the equivalent resistance of the network is:

1. $\frac{R}{n} \Omega$

2. $R^n \Omega$
3. $\frac{n}{R} \Omega$
4. $n \times R \Omega$

Correct Option - 1

Que. 47 What are the d.c's of the line whose d.r's are 1, -2, and 3 ?

1. $\frac{1}{\sqrt{14}}, \frac{2}{\sqrt{14}}, \frac{3}{\sqrt{14}}$
2. $\pm \frac{1}{\sqrt{14}}, \pm \frac{2}{\sqrt{14}}, \pm \frac{3}{\sqrt{14}}$
3. $\pm \frac{1}{\sqrt{14}}, \mp \frac{2}{\sqrt{14}}, \pm \frac{3}{\sqrt{14}}$
4. $\frac{1}{\sqrt{14}}, -\frac{2}{\sqrt{14}}, -\frac{3}{\sqrt{14}}$

Correct Option - 3

Que. 48 समानार्थी शब्द का चयन कीजिये -- वानर ---

1. पानी
2. पुत्र
3. मर्कट
4. मित्र

Correct Option - 3

Que. 49 'हरीश' में कौन सी संधि है?

1. अयादि संधि
2. गुण संधि
3. स्वर संधि
4. व्यंजन संधि

Correct Option - 3

Que. 50 मुंशी प्रेमचन्द की रचना है -

1. गोदान
2. लहर
3. तितली
4. कामायनी

Correct Option - 1

Que. 51 Parsec is the unit of

1. Time
2. Distance
3. Frequency
4. Angular acceleration

Correct Option - 2

Read the passage and answer the following question:

Que. 52 According to the controversial sunspot theory, great storms on the surface of the sun hurl streams of solar particles into the atmosphere, causing a shift in the weather on earth.

A typical sunspot consists of a dark central umbra surrounded by a lighter penumbra or light and dark threads extending out from center like the spokes of a wheel. Actually, sunspots are cooler than the rest of the photosphere, which may account for their colour. Typically, the temperature in a sunspot umbra is about 4000k, whereas the temperature in a penumbra registers 5500k and the granules outside the spot are 6000k.

Sunspots have been observed in arrangements of one to more than one hundred spots, but they tend to occur in pairs. There is also a marked tendency for the two spots of a pair to have two opposite polarities. Furthermore, the strength of the magnetic field associated with any given spot's size.

Although there is no theory that completely explains the nature and function of sunspots, several models attempt to relate the phenomenon to magnetic fields along the lines of longitude from the north and the south pole of the sun.

What is the author's main purpose in the passage?

1. to describe the nature of sunspots
2. to propose a theory to explain sunspots.
3. to compare the umbra and penumbra in sunspots.
4. to argue for the existence of magnetic fields in sunspots.

Correct Option - 4

Que. 53 Who has become the Prime Minister of the 14th Government of the Republic of Slovenia in March 2020?

1. Janez Jansa
2. Borut Pahor
3. Karl Erjavec
4. Miro Cerar

Correct Option - 1

Que. 54 The solution of $\frac{1}{x-2} < 0$ is :

1. $x \in (-\infty, 2)$
2. $x \in (-\infty, -2)$
3. $x \in (2, \infty)$
4. $x \in (-2, \infty)$

Correct Option - 1

Que. 55 Which of the following state is *not* a part of Ganga basin?

1. Himachal Pradesh
2. Punjab
3. Rajasthan
4. Madhya Pradesh

Correct Option - 2

Que. 56 Which of the following gases is used in refrigerators?

1. Ammonia
2. Acetylene
3. Radon
4. Ethylene

Correct Option - 1

Que. 57 आकाश का पर्यायवाची शब्द है :

1. दृग
2. विप्र
3. व्योम
4. इनमे से कोई नहीं

Correct Option - 3

Que. 58 The value of $\log \tan 1^\circ + \log \tan 2^\circ + \dots + \log \tan 89^\circ$ is :

1. -1
2. 0
3. 1
4. $\pi/2$

Correct Option - 2

Que. 59 Consider the following Indian states:

1. Haryana
2. Madhya Pradesh
3. Rajasthan
4. Chhattisgarh

Which of the states given above are part of the Ganga River Basin?

1. 1 and 2 only
2. 2 and 3 only
3. 3 and 4 only
4. 1, 2, 3 and 4

Correct Option - 4

Que. 60 'जलधि' में कौन सा समास है-

1. कर्मधारय
2. अव्ययीभाव
3. द्विगु
4. तत्पुरुष

Correct Option - 4

Que. 61 On which date is National Science Day observed in India?

1. 8th March
2. 15th September
3. 22nd December
4. 28th February

Correct Option - 4

Que. 62 What is the rank of the Indian men's hockey team in the FIH world rankings released in March 2020?

1. 1
2. 2

3. 3
4. 4

Correct Option - 4

Que. 63 Who among the following won the prestigious Sir Richard Hadlee Medal in the New Zealand Cricket Award 2020?

1. Ross Taylor
2. Kane Williamson
3. Tim Southee
4. Brendon McCullum

Correct Option - 1

Que. 64 Fill in the blank with suitable form of verb.

It's cold in Delhi : icy winds _____.minimum temprature below 5 degrees celsius, cold wave to continue.

1. brought
2. are bringing
3. are going to bring
4. bring

Correct Option - 4

Que. 65 Which city is also called as Silver city of India?

1. Bhubaneswar
2. Mumbai
3. Cuttack
4. Kolkata

Correct Option - 3

Que. 66 What is the nature of the oxides of metals?

1. Acidic
2. Basic
3. Neutral
4. None of these

Correct Option - 2

Que. 67 Which of the following Harappan sites is thought to have direct sea trade links with Mesopotamia?

1. Dholavira
2. Lothal
3. KotDiji
4. Ropar

Correct Option - 2

Que. 68 Which among the following are the functions of Money?

- a. Unit of value
- b. Standard for deferred payment
- c. Store of value

d. Medium of exchange

1. a, b & c
2. a, c & d
3. a, b, c & d
4. None of the above

Correct Option - 3

Que. 69 'एक से इक्कीस होना' मुहावरे का अर्थ क्या होगा?

1. हर प्रकार का अनुभव होना
2. उन्नति करना
3. कहीं जाने में अशक्त होना
4. सचेत होना

Correct Option - 2

Que. 70 Who is the director general of Labour bureau?

1. Santosh Kumar Gangwar
2. BN Nanda
3. HS Langa
4. RK Thakur

Correct Option - 2

Que. 71 Red Data book is the source book which keeps a record of:

1. All the migratory birds
2. All the wild life sanctuaries
3. All the endemic species
4. All the endangered species

Correct Option - 4

Que. 72 Which among the following statements regarding High Court judges is correct?

1. The judges of a high court are appointed by the Governor of respective states
2. He should have been an advocate of a high court for fifteen years
3. A judge of a high court can be removed in the same manner and on the same grounds as a judge of the Supreme Court
4. The judges of a high court hold office until he attains the age of 65 years

Correct Option - 3

Que. 73 In which Congress Session, was the demand for 'Purna Swaraj' adopted?

1. Surat Session
2. Lahore Session
3. Kanpur Session
4. Karachi Session

Correct Option - 2

Que. 74 Graphite and diamonds are_____.

1. isotopes
2. isomers
3. isotones
4. allotropes

Correct Option - 4

Que. 75 Which one of the following is the oxidation state of oxygen in OF_2 ?

1. +2
2. -2
3. +1
4. -1

Correct Option - 1

Que. 76 The Ram Krishna Mission was founded by Swami Vivekanand in the year

1. 1892
2. 1898
3. 1897
4. 1886

Correct Option - 3

Que. 77 Which one of the following Vedas dealt with rituals?

1. Rig Veda
2. Sama Veda
3. Yajurveda
4. Atharva Veda

Correct Option - 3

Que. 78 Find the number of 3 digit numbers that can be formed using the digits 0, 1, 4, 5, 7 such that if repetition of digits is not allowed.

1. 48
2. 120
3. 504
4. 720

Correct Option - 1

Que. 79 Who amongst the following has not been associated with the Bhakti movement in India?

1. Mira Bai
2. Jana Bai
3. Akkamahadevi
4. Savitri Bai Phule

Correct Option - 4

Que. 80 Oxidation number of Mn in KMnO_4 is

1. -7

2. +7
3. -6
4. +6

Correct Option - 2

Que. 81 Impervious nature of cork for water is due to deposition of which chemical.

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

Correct Option - 2

Que. 82 The Supply Curve shows relation between which of the following?

1. Quantity and Price
2. Quality and Price
3. Demand and Price
4. Demand and Quality

Correct Option - 1

Que. 83 As per India state of forest report 2019, which of the following state has largest forest cover (area wise)?

1. Arunachal Pradesh
2. Chhattisgarh
3. Karnataka
4. Madhya Pradesh

Correct Option - 4

Que. 84 Mirror formula is

1. $f = u + v$
2. $f = \frac{1}{u} + \frac{1}{v}$
3. $f = \frac{u+v}{uv}$
4. $\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$

Correct Option - 4

Que. 85 United States will declare which country as the world's worst offenders in human trafficking and forced labor?

1. North Korea
2. South Sudan
3. Russia
4. China

Correct Option - 4

Que. 86 Which of the following is an identity function?

1. $f(x) = 1$
2. $f(x) = |x|$
3. $f(x) = 0$

4. $f(x) = x$

Correct Option - 4

Que. 87 Which State in India has the highest sex ratio?

1. Daman and Diu
2. Puducherry
3. Kerala
4. Karnataka

Correct Option - 3

Que. 88 Which of the following spices received Geographical Indication Tag in May 2020?

1. Semolina
2. Nutmeg
3. Kashmir Saffron
4. Mint

Correct Option - 3

Que. 89 Fill in the blank with the right choice :

Customers may provide you with their call number at one point but that doesn't grant you the right to text them. There have actually been plenty of lawsuits resulting from _____ advertising without permission.

1. email
2. memo
3. text message
4. letter

Correct Option - 2

Que. 90 छायावाद युग के कवि है -

1. रामचंद्र शुक्ल
2. बदरीनारायण चौधरी 'प्रेमघन'
3. मैथिलीशरण गुप्त
4. जय शंकर प्रसाद

Correct Option - 4

Que. 91 With which of the following sports is Rovers Cup associated?

1. Cricket
2. Football
3. Badminton
4. None of the Above

Correct Option - 2

Que. 92 The Vice President of India is elected by the members of an electoral college consists of _____.

1. all the members of the Council of States
2. all the members of both the Houses of the Parliament
3. elected members of both the Houses of the Parliament

4. elected members of the Council of States

Correct Option - 2

Que. 93 Number of bones in thumb of hand

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

Correct Option - 2

Que. 94 Who wrote the novel "Zindaginama"?

1. Naresh Mehta
2. Mridula Garg
3. Krishna Sobti
4. Madhur kapila

Correct Option - 3

Que. 95 Of the given categories, which scale of language registers does the given example fall onto ?
eq. "Would you all please go upstairs right away?"

1. Frozen
2. Informal
3. Intimate
4. Formal

Correct Option - 4

Que. 96 Read the following sentence and identify the register it belongs to -

Here are centered the hopes and aspirations and faith of the entire human race.

1. Ceremonial
2. Formal
3. Familiar
4. Informal

Correct Option - 1

Que. 97 The sum of the digits of square root of 992016

1. 22
2. 24
3. 26
4. 28

Correct Option - 2

Que. 98 **Direction - Read the following poem and choose the correct answer to the question from the options given below.**

Behind them at intervals,
Stand husbands in skilled trades,
An estateful of washing,

And the albums,
Lettered our wedding.
Lying near the television :
Before them, the wind
Is ruining their courting-places
That are still courting-places (But lovers are all in school),
And their children, so intent on finding more
unripe acorns,
Expect to be taken home, Their beauty has thickened.
Something is pushing them To the side of their own lives.

Which of the following is a major theme of the poem ?

1. Housekeeping
2. Mothers losing their identity
3. Enduring love
4. Poverty

Correct Option - 2

Que. 99 Which state is the largest producer of Sugarcane in India in 2019?

1. Madhya Pradesh
2. West Bengal
3. Uttar Pradesh
4. Bihar

Correct Option - 3

Que. 100 If cost of x articles is Rs. y, then what will be the cost of z articles?

1. Rs. xy
2. Rs. yz
3. Rs. xz/y
4. Rs. yz/x

Correct Option - 4