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Agniveer Navy MR

Memory Based Paper
22 May 2025 Shift 2



50 Questions

Que. 1 Law of octaves was propounded by

1. John Newlands
2. Johann Dobereiner
3. Ivanovich Mendeleev
4. Henry Moseley

Correct Option - 1

Que. 2 COVISHIELD, the COVID Vaccine of India is being manufactured by _____.

1. Bharat Biotech
2. Panacea Biotech
3. Serum Institute
4. Zydus Cadila

Correct Option - 3

Que. 3 The human eye forms the image of an object at its

1. Cornea
2. Iris
3. Pupil
4. Retina

Correct Option - 4

Que. 4 Which among the following cannot react with nitrous acid?

1. CH_3CONH_2
2. $(\text{CH}_3)_3\text{C-NO}^2$
3. $(\text{CH}_3\text{CH}_2)_2\text{NH}$
4. $\text{CH}_3\text{CH}_2\text{NH}_2$

Correct Option - 2

Que. 5 What is the lubricating fluid found between the two bones at a movable joint called?

1. Synovial fluid
2. Amniotic fluid
3. Interstitial fluid
4. Cerebrospinal fluid

Correct Option - 1

Que. 6 Which of the following cells can divide properly?

1. Skin cells
2. Muscle cells
3. Red blood cells
4. Nerve cells

Correct Option - 1

Que. 7 Which of the following is a correct relationship between Fahrenheit (°F) and Celsius (°C) degrees?

1. $^{\circ}\text{C} = ^{\circ}\text{F} - 273.15$
2. $^{\circ}\text{F} = \frac{9}{5}^{\circ}\text{C} + 32$
3. $^{\circ}\text{C} = \frac{9}{5}^{\circ}\text{F} + 32$
4. $^{\circ}\text{F} = ^{\circ}\text{C} - 273.15$

Correct Option - 2

Que. 8 Milk is an example of:

1. Sol
2. Aerosol
3. Foam
4. Emulsion

Correct Option - 4

Que. 9 Diabetes is the most common disorder associated with:

1. Gall bladder
2. Liver
3. Kidney
4. Pancreas

Correct Option - 4

Que. 10 The only vein that carries oxygenated blood is :

1. Cystic vein
2. Cardiac vein
3. Pulmonary vein
4. Hepatic Portal vein

Correct Option - 3

Que. 11 The disease-causing microorganism among these is:

1. Pathogens
2. Bacteria
3. Archaea
4. Protozoa

Correct Option - 1

Que. 12 What is the name of the alloy which is obtained after mixing mercury with another metal ?

1. Solder
2. Amalgam
3. Duralumin
4. Pewter

Correct Option - 2

Que. 13 Find the average of 10, 15, 20, 25, and 30.

1. 20
2. 17.5
3. 15
4. 22.5

Correct Option - 1

Que. 14 $(a + b)^3 = ?$

1. $a^3 + b^3 + ab(a + b)$
2. $a^3 + b^3 + 3ab^2$
3. $a^3 + b^3 + 3ab(a + b)$
4. $a^3 + b^3 + 3a^2b$

Correct Option - 3

Que. 15 The ages of four individuals are in the ratio 2 : 3 : 4 : 5, and the total of their ages is 140 years. Find the difference in age between the youngest and the oldest person.

1. 25 years
2. 30 years
3. 35 years
4. 40 years

Correct Option - 2

Que. 16 A principal amount of ₹1200 grows to ₹1440 in 2 years. Calculate the rate of interest.

1. 10%
2. 12%
3. 15%
4. 8%

Correct Option - 1

Que. 17 Find the area of a triangle whose vertices are (1, 1), (6, 2), (3, 3).

1. 4 sq. units
2. 6 sq. units
3. 8 sq. units
4. 5 sq. units

Correct Option - 1

Que. 18 $\sin\theta/\cos\theta = ?$

1. $\tan\theta$
2. $\cot\theta$
3. $\operatorname{cosec}\theta$
4. $\sec\theta$

Correct Option - 1

Que. 19 A shirt was marked at Rs. 1600. During a Diwali festival offer, 10% discount was allowed on it. What will be the selling price of the shirt?

1. Rs. 1540
2. Rs. 1400
3. Rs. 1440
4. Rs. 1240

Correct Option - 3

Que. 20 A car takes 1hours 45min to cover a distance of 56km. Find the speed of the car.

1. 35 km/h
2. 30 km/h
3. 32 km/h
4. 28 km/h

Correct Option - 3

Que. 21

6 men and 5 women can complete a piece of work in 6 days while 12 men and 6 women can complete the same piece of work in 4 days. Find the ratio of work efficiency of a man and a woman?

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

Correct Option - 2

Que. 22 The ratio of the two numbers is 7 : 11. If 7 is added to each number, the ratio becomes 2 : 3, then what is the smaller number?

1. 66
2. 39
3. 77
4. 49

Correct Option - 4

Que. 23 Find the value of 25% of $16\frac{2}{3}\%$ of Rs. 4800.

1. Rs. 2
2. Rs. 2000
3. Rs. 200
4. Rs. 20

Correct Option - 3

Que. 24 If $\sin\theta = \cos\theta$, find the value of ' θ '?

1. 30°
2. 60°
3. 45°
4. 90°

Correct Option - 3

Que. 25 Two trains start from a certain place on two parallel tracks in the same direction. The speed of the trains are 45 Km/hr and 40 Km/hr respectively. The distance between the two trains after 48 minutes will be

1. 2.4 km
2. 2.8 km
3. 3.6 km
4. 4 km

Correct Option - 4

Que. 26 Hawa Mahal is situated in ____.

1. Udaipur
2. Bharatpur
3. Jodhpur
4. Jaipur

Correct Option - 4

Que. 27 'Commodore', is one of the ranks of the Indian _____.

1. Army
2. Navy
3. Air force
4. Police

Correct Option - 2

Que. 28 Where is India's National Dolphin Research Centre Located?

1. Patna
2. New Delhi
3. Mumbai
4. Chennai

Correct Option - 1

Que. 29 When is the World Wetland Day celebrated every year?

1. February 2
2. June 10
3. January 21
4. September 11

Correct Option - 1

Que. 30 Peechi Wildlife Sanctuary is in which of the following state?

1. Sikkim
2. Orissa
3. Kerala
4. Uttarakhand

Correct Option - 3

Que. 31 The Kalibangan Harappan Site is located in which among the following states of India?

1. Jammu & Kashmir
2. Rajasthan
3. Maharashtra
4. Haryana

Correct Option - 2

Que. 32 Which organization is referred to as WTO?

1. World Trade Organization, 21
2. International Telecommunication Union, 22
3. World Economic Forum, 23
4. UNICEF, 24

Correct Option - 1

Que. 33 On which river Nagarjuna Sagar Dam is built?

1. Tapti
2. Jhelam
3. Krishna
4. Godavari

Correct Option - 3

Que. 34 Which city is the capital of Argentina?

1. Rio de Janeiro
2. Santiago
3. Lima
4. Buenos Aires

Correct Option - 4

Que. 35 World Environment Day is on

1. June 4
2. June 5
3. July 6
4. October 2

Correct Option - 2

Que. 36 Which one of the following National Highways is the longest?

1. NH - 2
2. NH - 7
3. NH - 8
4. NH - 15

Correct Option - 2

Que. 37 In which of the Five-Year Plans was 'The Twenty Point Programme' launched?

1. Seventh Five-Year Plan
2. Fifth Five-Year Plan
3. Sixth Five-Year Plan
4. Eighth Five-Year Plan

Correct Option - 2

Que. 38 Which of the following is renewable source of energy?

1. Coal
2. Petroleum
3. Natural gas
4. Sunlight

Correct Option - 4

Que. 39 Where was Mahavira born?

1. Pawapuri
2. Gaya
3. Lumbini
4. Vaishali

Correct Option - 4

Que. 40 Where in Gujarat was the 'Jal-Thal-Raksha 2025' military exercise organized?

1. Dwarka
2. Kandla
3. Bhuj
4. Surat

Correct Option - 1

Que. 41 The navy blue wheel (Ashoka chakra) has been inspired by which of the following monuments?

1. Raja's Chhatri near Bordha Ghat at Burhanpur
2. The Iron Pillar at Qutb Minar in Delhi

3. The Lion Capital of Ashoka at Sarnath
4. Sanchi Stupa, Madhya Pradesh

Correct Option - 3

Que. 42 The Himalayan mountain range is defined as the _____ frontier of India.

1. Western
2. Eastern
3. Northern
4. Southern

Correct Option - 3

Que. 43 Which one of the following places rec the highest rainfall in the world?

1. Guwahati
2. Silchar
3. Mawsynram
4. Cherrapunji

Correct Option - 3

Que. 44 One of the famous dance forms "Kathakali" belongs to which of the following India States?

1. Kerala
2. Andhra Pradesh
3. Tamil Nadu
4. Karnataka

Correct Option - 1

Que. 45 Who emerged victorious in the 71st Senior National Men's Kabaddi Championship?

1. Railways
2. Services
3. Punjab
4. Uttar Pradesh

Correct Option - 2

Que. 46 Plants and animals that live on land are called:

1. Aquatic habitants
2. Terrestrial habitants
3. Abiotic
4. Biotic

Correct Option - 2

Que. 47 Which of the following Mughal rulers fought the Battle of Khanwa with Rana Sanga?

1. Babar
2. Jahangir
3. Alamgir II
4. Aurangzeb

Correct Option - 1

Que. 48 Who authored the famous novels, 'The Fountainhead' and 'Atlas Shrugged' ?

1. H.G. Wells
2. Ayn Rand
3. George Orwell
4. J.M. Barrie

Correct Option - 2

Que. 49 In which state is "Amchang Wildlife Sanctuary" located ?

1. Assam
2. Rajasthan
3. Odisha
4. Manipur

Correct Option - 1

Que. 50 Who is the first para-athlete to receive the Padma Bhushan award in India ?

1. Bhavina Patel
2. Devendra Jhajharia
3. Avani Lekhara
4. Mariyappan Thangavelu

Correct Option - 2