

RRB JE Civil CBT I & II Test Series

Course Name

RRB JE Civil CBT I & II Test Series

Description

50+ Tests Included
Subject Topic Tests + Full mock tests
According to latest syllabus

Price

₹ 999

Discount

₹ 600

Category

AE & JE Exams

Sub Category

Civil Engineering



RRB JE 25-05-2019 Shift 1

1. What happens to the force of gravitation between two objects when the mass of one object is doubled?

- A) The force of gravitation is four times
- B) The force of gravitation is doubled
- C) The force of gravitation is tripled
- D) The force of gravitation is halved

2. Two trains 200 m and 150 m long are running on parallel rails at the rates of 40 km/h and 45 km/h respectively. In how much time will they cross each other if they are running in the same direction?

- A) 132 seconds
- B) 72 seconds
- C) 252 seconds
- D) 192 seconds

3. To hear a distinct echo, what is the minimum time interval required between the original sound and the echo?

- A) 0.4 second
- B) 0.1 second
- C) 0.2 second
- D) 0.01 second

4. Twinkling of stars at night happens due to-

- A) Atmospheric refraction
- B) Reflection of light
- C) Scattering of light
- D) Dispersion of light

5. The amount of air inspired and expired during normal respiration is known as-

- A) Minute volume
- B) Residual volume
- C) Vital capacity
- D) Tidal volume

6. If the radius of curvature of a convex mirror is 24 cm, what is its focal length?

- A) 24 cm
- B) 48 cm
- C) 14 cm
- D) 12 cm

7. The common transport form of sugar in plants is-

- A) Fructose
- B) Glucose
- C) Galactose
- D) Sucrose

8. Which of the following is/are rich in vitamin-A?

- A) Apple
- B) Carrot
- C) Oranges
- D) Tomato

9. Barium chloride on reacting with ammonium sulphate forms barium sulphate and ammonium chloride. Which of the following CORRECTLY represents the type of reaction involved?

- A) Oxidation reaction
- B) Precipitation reaction
- C) Combination reaction
- D) Combustion reaction

10. Which of the following is a source for quinine?

- A) Teak
- B) Cinchona
- C) Neem
- D) Bamboo

11. How are detergents called?

- A) Soapless soaps
- B) Soft soaps
- C) Hard soaps

D) Carboric soaps

12. A person clapped his hands near a cliff and heard the echo after 4 seconds. What is the distance of the cliff from the person when the speed of the sound is 344 m/s?

- A) 344 m
- B) 600 m
- C) 300 m
- D) 688 m

13. Which mineral is essential for bones?

- A) Iron
- B) Sulphate
- C) Zinc
- D) Calcium

14. Which technique is used to determine the depth of the sea, locate the underwater hills, valleys, submarines, icebergs etc.?

- A) Sound absorption
- B) Infrasound
- C) SONAR
- D) MRI

15. Which gas is typically produced when metal reacts with acids?

- A) Carbon dioxide
- B) Oxygen
- C) Hydrogen
- D) Nitrogen

16. Which of the following statements about the modern periodic table is CORRECT?

- A) It has 18 vertical columns known as groups
- B) It has 18 horizontal rows known as periods
- C) It has 7 horizontal rows known as groups
- D) It has 7 vertical columns known as periods

17. Which of these is a fossil fuel?

- A) Alcohol
- B) Coal
- C) Biogas
- D) Wood

18. Which of the following is a weak base?

- A) $\text{Ca}(\text{OH})_2$
- B) KOH
- C) NH_4OH
- D) NaOH

19. Which of the following is rich in dietary fibre?

- A) Ice-cream
- B) White bread
- C) Noodles
- D) Apples

20. Which of the following is a leguminous plant?

- A) Potato
- B) Cabbage
- C) Tomato
- D) Pea

21. Which of the following elements is represented by the symbol "Si"?

- A) Sodium
- B) Sulphur
- C) Silver
- D) Silicon

22. Which of these does NOT have an optical lens?

- A) Microscope
- B) Periscope
- C) Telescope
- D) Stethoscope

23. In a period, elements are arranged in the order of-

- A) Equal charges in the nucleus
- B) Constant charges in the nucleus
- C) Decreasing charges in the nucleus
- D) Increasing charges in the nucleus

24. Natural source of vitamin C is-

- A) Guava
- B) Apple
- C) Spinach
- D) All of the options

25. A 110 m long train crosses a pole in 12 seconds. What is the speed of the train in km/h?

- A) 33 km/h
- B) 27 km/h
- C) 30 km/h

D) 49 km/h

26. Water holding capacity is the highest in-

- A) Sandy soil
- B) Clayey soil
- C) Silty soil
- D) Loamy soil

27. One day in the evening, an eagle was flying towards sun and turned left. Again it took left turn. Which direction was the eagle flying now?

- A) East
- B) South
- C) South east
- D) South west

28. The isotope deuterium of hydrogen has-

- A) One neutron and two protons
- B) One electron and two neutrons
- C) No neutrons and one proton
- D) One proton and one neutron

29. Which of the following has comparatively high electrical resistance and is used in the circuit to reduce current?

- A) Resistor
- B) Semi conductor
- C) Insulator
- D) Conductor

30. Why are the tyres of the cars, trucks and bulldozers treaded?

- A) To increase friction and to give a better grip to them on the road
- B) The treads of the tyres are meant to add beauty to its design
- C) To decrease the friction
- D) To increase the speed of the vehicle

31. What is the chemical name of limewater?

- A) Sodium hydroxide
- B) Ammonium hydroxide
- C) Magnesium hydroxide
- D) Calcium hydroxide

32. Kinetic energy of gas molecules is directly proportional to-

- A) Atmospheric pressure
- B) Pressure
- C) Both temperature and pressure
- D) Temperature

33. Bacilli are bacteria which are-

- A) Comma-shaped
- B) Rod-shaped
- C) Spiral
- D) Spherical

34. Which was the first satellite to be sent into space?

- A) Sputnik 1
- B) Vanguard 1A

- C) Explorer 1
D) Rohini

35. _____ is a sexually transmitted killer disease.

- A) AIDS
B) Typhoid
C) Jaundice
D) Malaria

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|----|---|----|---|----|---|----|---|----|---|
| 1 | B | 2 | C | 3 | B | 4 | A | 5 | D |
| 6 | D | 7 | D | 8 | B | 9 | B | 10 | B |
| 11 | A | 12 | D | 13 | D | 14 | C | 15 | C |
| 16 | A | 17 | B | 18 | C | 19 | D | 20 | D |
| 21 | D | 22 | D | 23 | D | 24 | D | 25 | A |
| 26 | B | 27 | A | 28 | D | 29 | A | 30 | A |
| 31 | D | 32 | D | 33 | B | 34 | A | 35 | A |

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