



(Papers) RRB Group D : Exam Paper & Answer Key

Date: 18 Sep 2018 Shift-2 (General Science)

Q1. _____ is prevented by coating the conducting wire with pvc.

- a. Overloading
- b. Fusing
- c. Dripping
- d. Short-Circuit

Q2. The molecular mass of O₂ is _____

- a. 8
- b. 16
- c. 32
- d. 64

Q3. An Object of mass 6 kg and having a potential energy of 480 J is placed at a height. Find the height of the object w.r.t the ground (g=10m/s)

- a. 7
- b. 8
- c. 4
- d. 6

Q4. If the electronic configuration of an element is 2, 8, 2, to which period of the Modern Periodic Table does it belong?

- a. 4
- b. 2
- c. 12
- d. 3

Q5. The walls of sclerenchyma cells are thickened due to

- a. Pectin
- b. Hemi-cellulose
- c. Cellulose
- d. Lignin

Q6. The electronic configuration of an element belonging to period 2 and showing strong catenation property is:

- a. 2,6
- b. 2,8,4
- c. 2,8,2
- d. 2,4

Q7.a milkman adds a small amount of baking soda to fresh milk:

- a. To improve taste of milk
- b. To prevent acidisation of milk
- c. To improve the consistency of milk
- d. To increase the cream in the milk

Q8. An object is released from a certain height above the ground. Just at the time it touches the ground, it will possess _____

- a. Kinetic energy
- b. Chemical energy
- c. Heat energy
- d. Potential energy

Q9. The _____ acts as a food store in plant seeds.

- a. Radicle
- b. Ovule
- c. Plumule
- d. Cotyledons

Q10. The prefix added to the name of the hydrocarbon with 4 carbon atoms is.

- a. Eth
- b. Hept
- c. But
- d. Prop

Q11. Clouds looking white in colour are due to the phenomenon of _____

- a. Refraction of light
- b. Reflection of light
- c. Scattering of light
- d. Radiation

Q12. _____ is the commercial unit of energy.

- a. Kilowatt hour
- b. Joule
- c. Kilowatt
- d. Watt hour

Q13. The millions period consists of the places:

- a. M, TH, HM
- b. O,T,M
- c. M,TM
- d. TTh, HTh, M

Q14. An electric bulb having voltage 240V and current 0.6 A has a power of _____

- a. 40W
- b. 400W

- c. 144W
- d. 14.4W

Q15. Select the most appropriate option.

1KWH = _____

- a. 3,60,000 J
- b. 3,600 J
- c. 36,00,000 J
- d. 36,000 J

Q16. Which of the following is the ore of mercury?

- a. Stibnite
- b. Arsenic
- c. Cinnabar
- d. Bauxite

Q17. The gravitational force of attraction between a satellite and the earth gives rise to _____

- a. Centrifugal force
- b. Planar force
- c. Centripetal force
- d. Tension

Q18. Bifocal lenses are used by people suffering from _____

- a. Myopia or Hypermetropia
- b. Myopia but not Hypermetropia
- c. Hypermetropia but not Myopia
- d. Myopia and Hypermetropia

Q19. The source of the Sun's energy is the process of:

- (a) Photoelectric emission
- (b) Nuclear fission
- (c) Nuclear fusion
- (d) Thermionic emission

ANSWER:

1. (d), 2. (c), 3. (b), 4. (d), 5. (d), 6. (d), 7. (b), 8. (a), 9. (d), 10. (c), 11. (c), 12. (a), 13. (a), 14. (c), 15. (c), 16. (c), 17. (c), 18. (d), 19. (c)