PHASE I (PART I)

OBJECTIVE TYPE TEST FOR THE POST OF ASSISTANT MANAGER (SAFETY) FOR CANSRU

I. GENERAL KNOWLEDGE

1. With reference to Mission Sagar, India will assist island nations in which of the following regions?

   a) Pacific Ocean

   b) Atlantic Ocean

   c) Western Indian Ocean

   d) Eastern Indian Ocean

2. What is the total number of states and union territories in India?

   a) 28 States, 8 Union Territories

   b) 29 States, 7 Union Territories

   c) 28 States, 7 Union Territories

   d) 29 States, 8 Union Territories

3. Where will India's first world-class geological museum be developed?

   a) Bhopal

   b) Jaipur

   c) Nagpur

   d) Jabalpur

4. The Thaimaman Thanga Mothiram Scheme, Launched to promote deliveries in Government Hospitals, is related to which state?

   a) Telangana

   b) Andra Predesh

   c) Tamil Nadu

   d) Kerala

5. Who established the Central Education Department in India?
   a) Lord Canning

   b) Charles Wood

   c) Lord Rippon

   d) Lord Curzon

II. REASONING

6. Find the next number in the given series:
   4, 7, 12, 19, 28, ?

   a) 36

   b) 39

   c) 49

   d) 42

7. Find the odd man out.

   a) Internet

   b) Intranet

   c) VPN

   d) LAN

8. If '+' means '÷', '−' means '×', '×' means '+', and '÷' means '−', find the value of:
   36×4−2+8÷2?

   a) 38

   b) 36

   c) 32

   d) 35

9. If MIND is coded as KGLB and ARGUE is coded as YPESC in a certain code language, then how will DIAGRAM be coded in that same language?

   a) BGYEPYK

b) LKBGYPK

c) GLPEYKB

d) BGYPYEK

10. If the day before yesterday was Thursday, what day will be two days after tomorrow ?

a) Thursday

b) Wednesday

c) Tuesday

d) Monday

III. QUANTITATIVE APTITUDE

11. A can complete a piece of work in 12 days and B can complete the same work in 18 days. Working together, in how many days will they complete the work?

a) 9.2 days

b) 7.2 days

c) 6.2 days

d) 8.2 days

12. A car covers a distance of 150 km in 3 hours. What is the average speed of the car?

a) 60 km/h

b) 40 km/h

c) 50 km/h

d) 45 km/h

13. Find the amount under simple interest on Rs. 22150 at 29% per annum for 9 years. (in Rs.) ?

a) 79961.5

b) 79971.5

c) 79951.5

d) 79981.5

14. The product of 2 numbers is 1890 and the numbers differ by 3. Find the LCM of the number ?

a) 450

b) 540

c) 720

d) 630

15. The speed of a boat in still water is 17 km/hr, and the speed of the stream is 7 km/hr. What is the upstream speed of the boat?

a) 7 km/h

b) 10 km/h

c) 8.5 km/h

d) 9 km/h

IV. GENERAL ENGLISH

16. Choose the word that means the same as the given word.
APOLOGETIC

a) Stagnant

b) Derisive

c) Solid

d) Contrite

17. Select correctly Spelt word

a) Negligible

b) Nuisence

c) Neccessary

d) Negociate

18. Choose the antonym for elegant:

a) awkward

b) eulogy

c) egoistical

d) pendant

19. Identify the sentence which makes correct use of Article:-

a) Don't strike her on the head

b) The father has reached home

c) He is a heir to the throne

d) Have you seen an one-legged man?

20. Which of the following words is already in its plural form?

a) Leaf

b) Knife

c) City

d) Teeth

V. SUBJECT BASED

21. Which of the following fall protection systems absorb the energy of an actual fall?

a) Fall arrest systems

b) Fall depression systems

c) Fall suppression systems

d) Fall prevention systems

22. Electrical bonding:

a) Eliminates the electrical charges between two conductors

b) Eliminates the potential difference between two conductors

c) Sends electrical charges to the ground

d) Reduces electrical power consumption

23. The electrolytic fluid in lead acid batteries during charging can produce:

a) Poisonous lead gas

b) Lead Acid gas

c) Hydrogen gas

d) Lead hydride gas

24. Which factor should receive the highest priority during a fire risk assessment?

a) Building Aesthetics

b) Occupant Evacuation

c) Insurance premiums

d) Equipment replacement cost

25. The risk assessment process must be conducted in the following order

a) Hazard accounting, hazard identification or risk evaluation, risk characterization

b) Hazard identification, risk evaluation, risk characterization, hazard accounting

c) Hazard identification, hazard accounting, risk characterization, risk evaluation

d) Hazard identification, hazard accounting, risk evaluation, risk characterization

26. A measure of the combined probability and severity of potential harm to one or more resources as a consequence of exposure to one or more hazards is the correct definition of

a) Risk

b) Risk assessment

c) Risk Control

d) Risk Management

27. The process of determining the degree of threat that is posed by one or more haz-ards is called

a) Risk Control

b) Risk Management

c) Risk assessment

d) Risk acceptance

28. The process of minimizing or eliminating accidental losses by anticipating and pre-venting the occurrence of unplanned events is called?

a) Risk assessment

b) Risk management

c) Risk acceptance

d) Risk control

29. Fault tree analysis (FTA) is

a) Bottom up system safety technique

b) Top down system safety technique

c) Used to determine the deviation in process parameters from their design intent

d) A qualitative system technique that identifies the consequences of success or failure of safety functions in a system

30. What is the minimum amount of atmospheric oxygen needed to safely wear a powered air-purifying respirator (PAPR)?

a) There is no minimum since a PAPR provides a fresh-air supply.

b) 19.5%

c) 20.9%

d) 22.5%

31. What is NRR?

a) Noise Reduction Ranking

b) Noise Rate Ranking

c) Noise Reduction Rating

d) Noise Rating Reduction

32. Which of the following MSDs is also known as white finger?

a) Raynaud's Syndrome

b) Dequervain's Disease

c) Thoracic Outlet Syndrome

d) Tendinitis

33. What are the five dominoes in Heinrich's Domino theory of incident causation?

a) Injury, incident, unsafe act, unsafe condition, undesirable trait

b) Injury, incident, unsafe act, uncontrolled energy, social environment

c) Injury, incident, unsafe condition, uncontrolled energy, social environment

d) Injury, incident, unsafe act or unsafe condition, undesirable traits, social environment

34. Which of the following is an example of engineering noise control

a) Use of earmuffs

b) Reducing the number of hours of exposure

c) Use of sound absorbing materials

d) audiometric testing

35. What type of test must be performed on abrasive grinding wheels to detect the presence of cracks that may not be visible to the naked eye

a) Dequervain's test

b) Ring test

c) Circle test

d) GFCI test

36. During an inspection, you discover that hazardous waste is stored without proper labeling and the storage area has no secondary containment. What is the principal risk?

a) Only housekeeping deterioration

b) Noise pollution

c) Increased electricity consumption

d) Environmental release, worker exposure and loss of waste traceability

37. A device that senses visible or invisible particles of combustion.

a) Flame Detector

b) Smoke detector

c) Heat detector

d) Ionization detector

38. Expansion ratio of LOW EXPANSION foam up to is.

a) Up to 20: 1

b) From 20:1 to 200:1

c) Above 200:1

d) From 50:1 to 100:1

39. As per NBC – 2016; Part 4, Industrial buildings come under

a) Group - I

b) Group - H

c) Group - G

d) Group - S

40. An explosion in which the cloud of vapour (gases or mist) ignites in air, resulting in a detonation accompanied by a blast wave and intense heat.

a) Boiling Liquid Expanding Vapor Explosion

b) Flashover

c) Backdraft

d) Unconfined Vapor Cloud Explosion

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