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Score: 20/20 (100.00%)

Code: 9176

1. What is the part of a circle bounded by two radii on its arc?

- A) Circle
B) **Sector (Correct)**
C) Segment
D) Semi-circle

2. Which BIS code no is recommended for folding of drawing sheets?

- A) IS 11664 - 1989
B) IS 11664 - 1987
C) **IS 11664 - 1986 (Correct)**
D) IS 11664 ? 1981

3. What is the size / height in mm for material list and dimensioning in drawings?

- A) 9 to 10
B) 7 to 8
C) 5 to 6
D) **3 to 4 (Correct)**

4. What is the description of E1 hidden outlines?

- A) Dashed thin
B) Chain thin
C) **Dashed thick (Correct)**
D) Chain thick

5. How many grades the ordinary port land cement is available as per IS specification?

- A) 2 grades
B) **3 grades (Correct)**
C) 4 grades
D) 5 grades

6. What is the percentage of cement water proofer in powder form for all water refining structure?

- A) 13 to 15%
B) 11 to 12%
C) 06 to 10%
D) **02 to 05% (Correct)**

7. Which rock has a main content of silica?

- A) red rock
B) **Siliceous rock (Correct)**
C) Calcareous rock
D) Foliated rock

8. What is the classification of marble?

- A) **Metamorphic rock (Correct)**
B) Foliated rock
C) Sedimentary rock
D) Igneous rock

9. What is the percentage gypsum added in manufacture of cement?

- A) 7 - 10%
B) 5 - 7 %
C) **3 to 4 % (Correct)**
D) 1 - 2 %

10. What is the proportion of cement water proofers for

water tanks in paste form?

- A) **1 to 10 (Correct)**
B) 11 to 15
C) 16 to 20
D) 21 to 25

11. Gopi is always willing to learn and improve in his work. He has a_____?.

- A) Fixed mindset
B) Certificate
C) **Growth mindset (Correct)**
D) Marksheet

12. Which of these is an e-learning portal?

- A) ASEEM
B) **Bharat Skills Portal (Correct)**
C) NAPS portal
D) Netflix

13. Zeena wants to enroll for an e-learning course. The most important thing she needs is a_____.

- A) Book
B) Pen
C) **Mobile phone or Computer (Correct)**
D) Library card

14. _____jobs help to reduce pollution, preserve the environment and the planet.

- A) Software
B) Hardware
C) **Green (Correct)**
D) Part-time

15. Green Jobs are important because_____.

- A) **they help protect the environment (Correct)**
B) they harm the environment
C) they pay more money
D) they require no skill

16. What are the two classifications of system of units?

- A) British and Metric
B) Gravitational and non-gravitational
C) **Fundamental and derived (Correct)**
D) Metric and International

17. What are fundamental units?

- A) Length, Mass, Volume
B) **Length, Mass, Time (Correct)**
C) Length, Mass, Area
D) Length, Pressure, Volume

18. How many millimetres are there in 1 inch?

- A) 2.54 mm
B) **25.4 mm (Correct)**

C) 24.5 mm

D) 2.45 mm

C) "28/7"

D) "7/28"

19. What is the improper fraction for the given mixed fraction?
 $7 \times \frac{3}{7}$

A) (52/7) (Correct)

B) "7/52"

20. Simplify: $(17.49 \times 5.2) / (6.5)$

A) 13.69

B) 13.79

C) 13.89

D) 13.99 (Correct)