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Score: 17/20 (85.00%)

Code: 7293

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 (Incorrect)
 B) IS 11664 - 1987
 C) **IS 11664 - 1986**
 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 (Incorrect)
 D) **3 to 4**

4. What is the description of E1 hidden outlines?

- A) Dashed thin (Incorrect)
 B) Chain thin
 C) **Dashed thick**
 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 proofer 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)