

**Student: Chetan**

**Score: 18/20 (90.00%)**

**Code: 5411**

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 %**  
 D) 1 - 2 % (Incorrect)

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)**

B) "7/52" (Incorrect)

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

A) 13.69

B) 13.79

C) 13.89

**D) 13.99 (Correct)**