

June 2026

GOVT ITI PERDOOR

Question Paper

Duration: 30 Mins

Total Marks: 20

ID: ITISKILL3516MN

Student Name: _____	Roll No: _____
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1. What is the x value for $x^2 + 62 = 126$?

A) 8 B) 10
C) 4 D) 6
2. How many millimetres are there in 1 inch?

A) 24.5 mm B) 25.4 mm
C) 2.45 mm D) 2.54 mm
3. What is the ratio of 4 kg to 800 grams?

A) 02:04 B) 05:01
C) 08:04 D) 04:08
4. What is the square root of 529?

A) 23 B) 33
C) 43 D) 12
5. Convert 0.456 decimal fraction into percentage?

A) 0.000456 B) 0.456
C) 45.6 D) 0.0456
6. What is the LCM of 12, 18, 6, 36?

A) 42 B) 12
C) 36 D) 18
7. Which metal contains iron as a major content?

A) Brass metal B) Bronze metal
C) Zinc D) Ferrous metal
8. Simplify: $(\frac{3}{4}) + (\frac{2}{5}) - (\frac{5}{20})$

A) $(\frac{3}{10})$ B) $(\frac{12}{10})$
C) $(\frac{13}{10})$ D) $(\frac{9}{10})$
9. What is the area of a (A) semicircle whose dia is 20 cm (d)?

A) 147.1 cm^2 B) 167.1 cm^2
C) 177.1 cm^2 D) 157.1 cm^2
10. What are fundamental units?

A) Length, Mass, Time B) Length, Mass, Volume
- C) Length, Mass, Area D) Length, Pressure, Volume
11. What percentage of 80 is 20?

A) 0.8 B) 0.2
C) 0.4 D) 0.25
12. What is the unit of speed?

A) Metre/second B) Metre/hour
C) Metre/second² D) Metre/minute
13. Divide $(\frac{20}{31}) / (\frac{15}{62})$

A) $2(\frac{1}{3})$ B) $2(\frac{3}{2})$
C) $2(\frac{4}{3})$ D) $2(\frac{2}{3})$
14. What is the area of a circle of diameter 50 cm?

A) 1942.5 cm^2 B) 1932.5 cm^2
C) 1952.5 cm^2 D) 1962.5 cm^2
15. What is the area of a rectangle, whose length and breadth are 10cm and 8cm respectively?

A) 90 cm^2 B) 75 cm^2
C) 80 cm^2 D) 85 cm^2
16. What is the density of aluminium?

A) 5.7 g/cm^3 B) 2.7 g/cm^3
C) 3.7 g/cm^3 D) 4.7 g/cm^3
17. What is the mass if the density of a body is 7.6 g/cm^3 and its volume is 25 cm^3 ?

A) 200 grams B) 210 grams
C) 220 grams D) 190 grams
18. What is the diagonal of a square plate whose side is 28 cm?

A) 39.49 cm B) 39.59 cm
C) 39.39 cm D) 39.29 cm
19. What is the total resistance if three resistances of 3 ohms, 9 ohms and 5 ohms are connected in series?

A) 1/17 ohms

B) 7 ohm

40mm, 20mm and 28mm?

C) 11 ohms

D) 17 ohms

A) 98 mm

B) 78 mm

C) 88 mm

D) 68 mm

20. What is the primeter of scalene. Triangle having sides of