GOVT ITI MEN MANGALORE

ITI Quiz - 30-May-2026 09:11 AM

Q. ID: ITISKILL3225XS | May 2026

80.00% 20 / 25

Student Name	Darshil	Access Code	4760
Attempt No.	#1	Completion Time	10:59 AM
Rank	#17	Total Questions	25

20 SCORE	**25** MAX MARKS	**20** CORRECT	**5** INCORRECT

Answer Review

Q1 CORRECT What is the value of 14x+3y+25x+2y?

A. 17x + 27y

B. 16x + 28y

C. 39x + 5y

D. 44xy

Q2 CORRECT What is the value of adding (5x+2y), (4x - 7z) and (15z - 3y)?

A. 9x - y + 8z

B. x - 9y + 8z

C. x + 9y + 8z

D. 9x + y - 8z

Q3 CORRECT What is the value of x, if 3 (2x - 4) = -4x + 28 ?

A. 4 ✓

B. 8

C. 6

D. 12

Q4 CORRECT What is the value of a²+b² if a+b=9 and ab = 20?

A. 121

B. (-121)

C. 41 ✓

D. (-41)

Q5 CORRECT What is the radius of a circle whose diameter is 44 cm?

A. 44 cm

B. 22 cm ✓

C. 23 cm

D. 20 cm

Q6 CORRECT What is the current?

R = 50 Ohms

220 Volts

I =_____Amps

A. 4.1 Amps

B. 4.2 Amps

C. 4.3 Amps

D. 4.4 Amps ✓

Q7 CORRECT What is the unit of strain?

A. Kg/cm²

B. Newton/metre²

C. Metre

D. No unit □

Q8 CORRECT What is the ratio of ultimate load to area of original cross section?

A. Factor of safety

B. Yield point

C. Ultimate stress □

D. Youngs modulus

Q9 CORRECT What is the ratio of shear stress to shear strain?

A. Modulus of elasticity

B. Modulus of rigidity □

C. Bulk modulus

D. Yield point

Q10 INCORRECT What is the minimum permissible size of aluminium wire used in estimation?

A. 1.5 sq.mm □

B. 2.5 sq.mm □

C. 5 sq.mm

D. 3.5 sq.mm

Q11 CORRECT What is the weight of the iron ball has volume of 250 cc and density 7.5 gm/cc?

A. 1750 gram

B. 1875 gram

C. 1975 gram

D. 1785 gram

Q12 INCORRECT What is the total cost to assemble 10 personal computer systems, spares cost as given for one system: 1 TB hard disc Rs.4500/-, Intel i3 mother board Rs.7000/-, SMPS Rs.2500/-, monitor Rs.6000/-, keyboard Rs.1000/-, other material cost (Switches, USB, Cabl

A. Rs.275000/-

B. Rs.250000/-

C. Rs.225000/-

D. Rs.265000/-

Q13 INCORRECT Which instrument is used to measure heat?

A. Calorie meter

B. Thermometer

C. Pyrometer

D. Barometer

Q14 CORRECT What is the melting point of aluminium?

A. 660 Degree C

B. 680 Degree C

C. 670 Degree C

D. 620 Degree C

Q15 CORRECT What effort required to lift a load of 150 kg in a wheel and axle, if the velocity ratio is 2.5 and the efficiency of the machine is 75%?

A. 70 kg

B. 80 kg

C. 90 kg

D. 100 kg

Q16 INCORRECT Which one is non-metal?

A. Mercury

B. Graphite

C. Brass

D. Iron

Q17 CORRECT Which mechanical property of a metal offers resistance to elastic deformation in a cutting tool?

A. Ductility

B. Malleability

C. Hardness

D. Toughness

Q18 CORRECT What is the side of a square whose area is 625 mm²?

A. 15 mm

B. 20 mm

C. 25 mm

D. 30 mm

Q19 INCORRECT How many liters of water a cylindrical tank of radius 75 cm and height 100 cm can hold?

A. 1766.25 liters

B. 1767.25 liters

C. 1768.25 liters

D. 1769.25 liters

Q20 CORRECT What is the expanded form of S.P?

A. Selected Price

B. Special Price

C. Selling Price

D. Super Price

Q21 CORRECT What is the formula to find Profit %?

A. ((C.P)/(Profit))x100

B. ((Profit)/(S.P))x100

C. ((S.P-C.P)/(Profit))x100

D. ((Profit)/(C.P))x100

Q22 CORRECT What is the compound interest on a principal of Rs.25000/- after 3 years at the rate of 12% per annum?

A. Rs. 9000

B. Rs.9720

C. Rs.10123.20

D. Rs.10483.20

Q23 CORRECT What is the percentage of copper if the casting weight of copper 42.3 kg and tin weight 2.7 kg?

A. Cu 92%

B. Cu 94% □

C. Cu 96%

D. Cu 98%

Q24 CORRECT What is the angle of elevation of the top of a light house of 15 m height seen at a point 15 m away from the base?

A. 30 Degree

B. 45 Degree □

C. 60 Degree

D. 90 Degree

Q25 CORRECT Simplify: (3/4)+(2/5)-(5/20)

A. (3/10)

B. (9/10) □

C. (12/10)

D. (13/10)