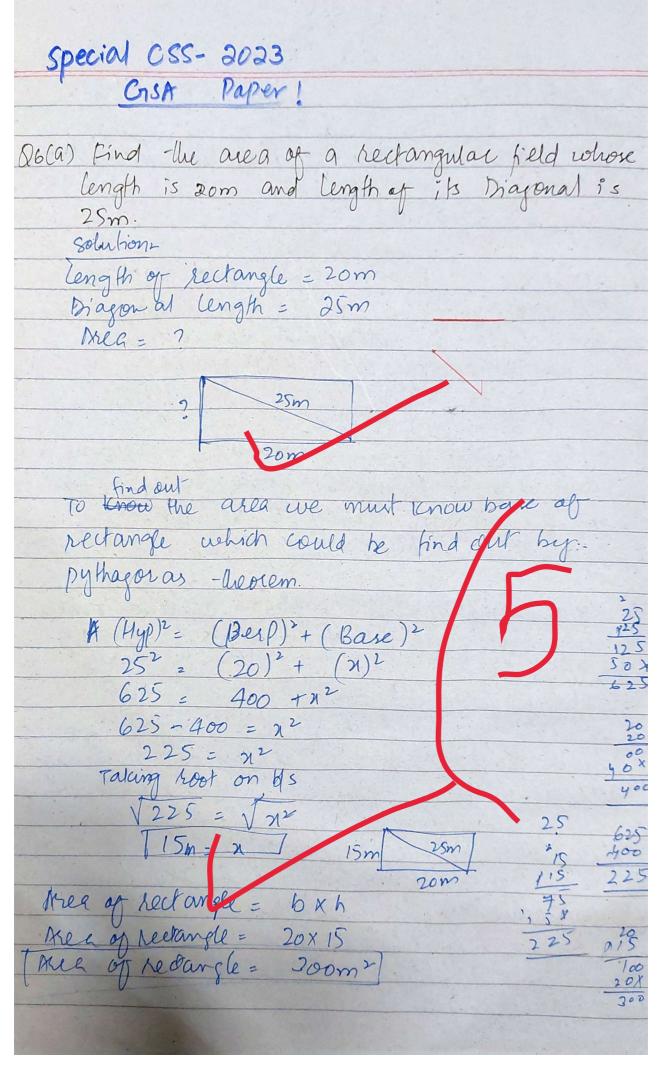
(SECTION - B)

- Q. 6. (a) Find the area of a rectangular field whose length is 20 m and the length of its diagonal is (5) 25 m. 300 115
 - (b) A Crow travels 5 km due South, 3 km due West, 4 km due North and 2 km toward South- (5) East. How far is crow from its starting position?
 - (c) Three persons, Zain, Ali and Umar started a bussiness with Rs. 150,000, Rs. 190,000 and Rs. (5 U 120,000 respectivily. Zain manages the bussiness and receives allowance of Rs 160,000 for this management. After 5 months Ali withdraws Rs. 90,000 and bussiness is closed after 9 months. What did each receive in the profit of Rs. 580,000.
 - (d) Mst. Razia Begum died leaving behind her property of Rs. 802,500 which was to be distributed among her husband, her mother and two daughters. The husband got 1/4, mother got 1/6 and remaining for 2 daughters. Rs. 7500 was spent on her burial. Find the share of each one.

GENERAL KNOWLEDGE-I (GENERAL SCIENCE & ABILITY)

Q. 7 (a)	In a certain country, 7% of the total workforce is employed in tourism. 24.4 million overseas visitors came to this country in 2014. 2014 was a record year for inbound tourism. This level of visitors was 3% higher than in 2013. It eclipsed the previous record of 24 million visitors recorded in 2008. In 2014 the average overseas visitor spent US\$ 110 but average daily spend per visitor in 2013 was US\$ 60 while in 2014, it was US\$ 76.20.	(5)
	What percentage increase in daily average amount spent occurred between 2013 and 2014?	
(b)	How many visitors came to this country in 2013?	(5)
(c)	What was the approximate percentage increase on the previous record number of visitors?	(5)
(d)	If there are 30 m people employed in this country's workforce, how many work in the tourism sector?	(5) (20)
Q. 8. (a) (b)	The sum of two numbers is 48. If the smaller number is one-fifth of the larger number, find the two numbers. Find out the correct word from the jumbled spellings given below. [UPNRT, AERPSTEL, LLARIYTTOUE, DCAAOOV, ANAISSSOITANS]	(5) (5)
(c)	A sphere of diameter 26 cm is half filled with honey. The honey is poured into a cylindrical beaker of diameter 16 cm. Find the depth of honey in the beaker.	(5)
(d)	The breadth, length, and height of a room is 14 feet, 20 feet and 10 feet respectively. There is also a door of room having height 8 feet and with 5 feet. Two windows of 4 feet by 5 feet are also there. The cost of paint and labour inside room is Rs. 100 per square foot. How much will it cost to paint the inner walls and roof of the room?	(5) (20)

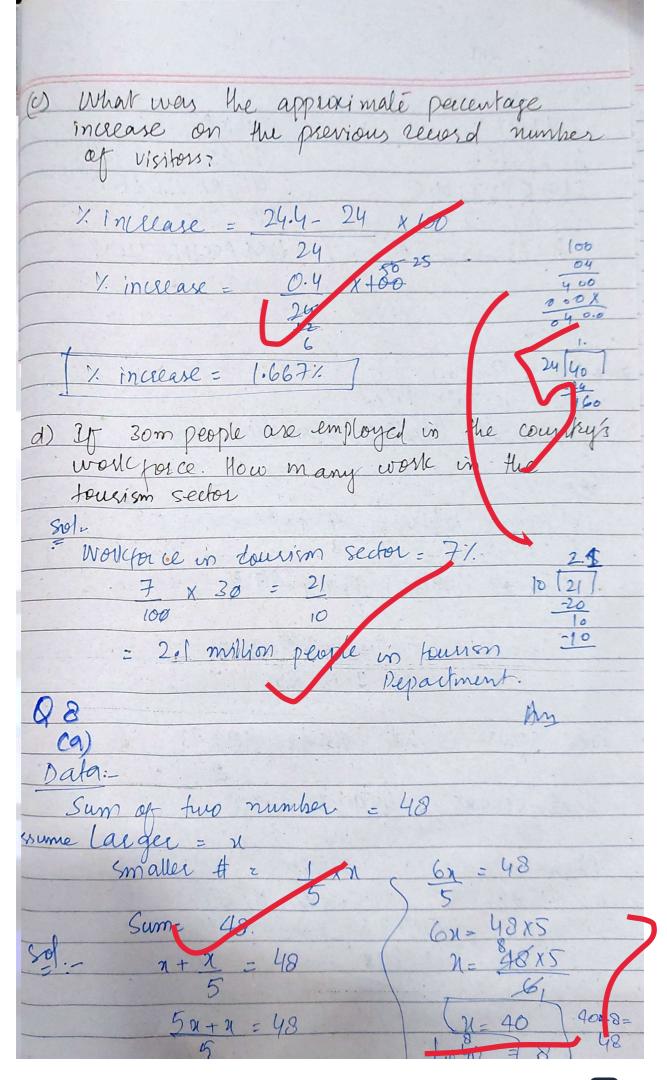


West, 4km dru North and 2km towards south East. How fae is crow from its starling position. W 5 Kmgowh d2 3 km c) Data: Total profit = 580,000 Zain's allowance for huriness managemen 160,000 Profit remaining = 420000 zain invertment; for 9 mouths = 150,000-x9 = 1350000 Ali investment for 5 mother 190000x5+ 100000 X4 = 1350000 umar investment for 9 months = 220,000 x 9 = 1000000 uman: Zain Ali (000000 1350000 1350000 20

12 Share of Ati Zain= x 420,000 150,000 Rs share of Share umars (d) Dalg= Potal property - Rs 802500 Husband share 4 Mother 16 Remaining 2 daughters. Money spent on = 700 Rs. her bueral tind shall of each. Circle find money affect bueial 802500 - 7500 Money = Rs. 795,000 Share of husband= x795000

I Share of husband = Rs. 198750 Share of mother = 1 x 795000 Shall of mother = Ps 132500 Remaining for 2 daugutes Remaining = Total after funcial charges -Mothers share + husbands share Remaining = 795000 - (198750 + 132500) 795000 - 331250 Remaining = 463750] Danguters Share 463750. Stare of each dauguter 231 275R Q7(a) Dala: 7% - work for ce employed in tousism visitors visited in 2014 = 24.4 million # visitors in 2008 = 3 / less of 24.4 million 2014 US Spend = US\$ 110 Aug daily spend in 2013 = 45\$60

(1) What percent age increase in daily average amount spent occured blue 2013 and 2014 So: Descentage increase - New amount - old amount x 100 Percentage increase = 75/20 - 60 x 100 Percentage increase = 5.4 60 x 1600 Dercentage increase = 5.4% (11) How many visistor came to - this country in 2013. As it is given that 3% less than 2014. visitors in 2014 = 24.4 million visitors in 2013 = 3 x 24.4 = 24.4 100 Ned tors in 2013 = 0.732 + 24.4 24.4-0.732 23.609 million A : 23.689 million



REP B. TURNEP ZUPNIRT PLAS AERPSTEL 4LTRAVIOLET LLARIVIIOUE AVACODO DCAAOOU ASSASSINATION ANAISSSOTTMS c. Data sphere Dia = 26 cm Sphere is half Filled Cylindrical Bealler Diamelee = 16cm Soli-Volume of ophere = 4 x 3.14 x (13) 3 = 1.333x 3.14x 2179 z 9198.735 Since sphere is half filled: 9190.735 Sphe volume = 4599.36 cm3 volume of cylinder & 4599.3.6 3.148x(8)2xh h= 4599.36 - 4598-36 3.14 × 64% 200.96 Write the final answer in the form of statement 20.88000

Datan breadth = 14 feet Height = 10 feet-length = 20 feet-Door = Ofeel- XSfeel-2 Windows = 4 feet by 5 feet Cost of paint 8 labour - 100per 59 foot Cost & paint 8 labour - 100per 59 foot 10 feel 20 Leet Mea = 2 sides of wall

Mea = 2 (lo x 20)

Mea = 2x 200 ft² Meg= 400 Sq; fl-Tile of other sides of wall Meg = 2(14x10) Mee = 2 x 140 seg = 280 sqff-Fot there of roof = 20x14 Total area of boom = 280 + 280 + 400 = 960 Saft treg of door = 8x5

Area of windows = 2x(4x5) Area of windows , 2 x 20 Area of 2 windows 40 Total are - (Mer of door + window)
960 - 40 + 40 Total area to be coloured = 820f price for so specific cost of labour = Rs. 100 per Square fool Cost of Cabour = 880 × 100 Cost of Cabour = 88000 Rs Good answers overall!!!