Question 1: Sushil was thrice as old as Snehal 6 years back. Sushil will be times as old as Snehal 6 years hence. How old is Snehal today? **[Bank P.O. 1992]**

Options

(a) 18 years

(b) 12 years

(c) 22 years

(d) 24 years

Answer: Let Snehals age 6 years back = x.

Then, Sushils age 6 years back = 3x.

 X (x + 6 + 6) = (3x + 6 + 6) hence 5(x+ 12) = 3(3x+ 12) so x=6.

Snehal today = (x+ 6) years = **12 years.**

Question 2: A 270 metres long train running at the speed of 120 kmph crosses another train running in opposite direction at the speed of 80 kmph in 9 seconds. What is the length of the other train?

Options

(a) 230 m

(b) 260 m

(c) 240 m

(d) 270 m

Answer: Relative speed = (120 + 80) km/hr

Let the length of the other train be *x* metres.

Then,

x+ 270 = 500

x = **230.**

Question 3: When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%?

Options

(a) Rs. 21,000

(b) Rs. 22,500

(c) Rs. 25,300

(d) Rs. 25,800

Answer: 85 : 18700 = 115 : x

x = 18700 x 115 = 25300.

Hence, S.P. = **Rs. 25,300**

Question 4: The discount on a bill due 9 months hence a 16% per annum is Rs.189 The amount of the bill is :

Options

(a) Rs.1468

(b) Rs.1764

(c) Rs.1575

(d) Rs.2356

Answer: Let P.W. be RS. x. Then,S.I. on Rs. x at 16% for 9 months=Rs.189.

x

P.W.=Rs.1575.

Sum due = P.W.+T.D==Rs.(1575+189)=**Rs.1764 .**

Question 5: Two dice are thrown simultaneously. What is the probability of getting two numbers whose product is even? **(S.B.I. 2000)**

Options

(a) 36

(b) 25

(c) 27

(d) None of these

Answer: n(S) = (6 x 6) = 36.

Then, E = {(1, 2), (1, 4), (1, 6), (2, 1), (2, 2), (2, 3), (2, 4), (2, 5), (2, 6), (3, 2), (3, 4),

(3, 6), (4, 1), (4, 2), (4, 3), (4, 4), (4, 5), (4, 6), (5, 2), (5, 4), (5, 6), (6, 1),

(6, 2), (6, 3), (6, 4), (6, 5), (6, 6)}

n(E) = 27.

Question 6: The third proportional to 0.36 and 0.48 is :

Options

(a) **0.64**

(b) 0.1728

(c) 0.42

(d) 0.94

Answer: Let the third proportional to 0.36 and 0.48 be *x*

Then, 0.36 : 0.48 : 0.48 : *x*

Question 7: The cost of 15 Bags of salt, each weighing 915 grams is Rs. 18. What will be the cost of 25 Bags, if each bag weight is 1 kg?

Options

(a) 32.78

(b) 46.64

(c) 53.3

(d) 34.23

Answer: More bags, More cost

More weight, More cost

Bags 15 : 25 } :: 18 : z

Weighing 915 : 1000

Therefore, (15 x 915 x z) = (25 x 1000 x 18) So, the Rs. is **32.78.**

Question 8: Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1 : 1 : 2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be: **(bank p.o 2002)**
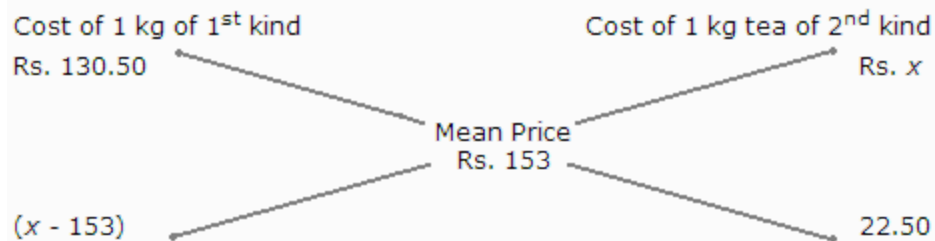
Options

(a) 145.50

(b) 165.70

(c) 175.50

(d) None of these

Answer: Since first and second varieties are mixed in equal proportions.

So, their average price = Rs.

So, the mixture is formed by mixing two varieties, one at Rs. 130.50 per kg and the other at say, Rs. x per kg in the ratio 2 : 2, i.e., 1 : 1. We have to find x.

By the rule of alligation, we have:

Cost of 1 kg of 1ˢᵗ kind
Rs. 130.50

Cost of 1 kg tea of 2ⁿᵈ kind
Rs. x

Mean Price
Rs. 153

(x - 153)

22.50

x = **175.50**

Question 9: Which of the following number divides the product of 8 consecutive integers?

Options

(a) 4!

(b) 8!

(c) 6!

(d) 7!

Answer: 8! =

so **8!** is divisible by 8 consecutive number

Question 10: From a point P on a level ground, the angle of elevation of the top tower is 30°. If the tower is 100 m high, the distance of point P from the foot of the tower is: **(bank p.o 1999)**

Options

(a) 100 m

(b) 150 m

(c) 173 m

(d) 200 m

Answer: Let AB be the tower.

Then ,

 and AB = 100 m

= (100 x 1.73) m

= **173 m.**

Question 11: He was sleeping(1)/in his room when a thief(2)/entered into his house (3)/ and took away a lot of things. (4) No Error (5)

Options

(a) He was sleeping

(b) in his room when a thief

(c) entered into his house

(d) and took away a lot of things.

(e) No Error

Answer: entered into his house.

Question 12: The car in which the minister was traveling ...... with an accident. **(bank 2000)**

Options

(a) **met**

(b) crashed

(c) hit

(d) drove

Answer: No answer description available for this question.

Question 13: Find the correctly spelt words.

Options

(a) Treachrous

(b) Trecherous

(c) Trechearous

(d) Treacherous

Answer: Treacherous means guilty of or involving betrayal or deception.

Question 14: More than one person was killed in accident.

Options

(a) were killed

(b) are killed

(c) have been killed

(d) No improvement

Answer: Were Killed.

Question 15: The man who has committed such a serious crime must **get the mostly severe** punishment.

Options

(a) be getting the mostly severely

(b) get the most severe

(c) have got the most severely

(d) have been getting the severe most

(e) No correction required

Answer: get the most severe.

Question 16: The employer appeared to be in such an affable mood that Rohit _____.

Options

(a) felt very guilty for his inadvertent slip

(b) decided to ask for a raise in his salary

(c) promised him that he would not commit mistake again

(d) was pained to press his demand for a new flat.

Answer: decided to ask for a raise in his salary.

Question 17: Rearrange the following six sentences in proper sequence to form a meaningful paragraph, then answer the questions given below.

1.A case in point is the programme involving the Sardar Sarovar Dam which would displace about 2, 00, 000 people

2. Critics decry the fact that a major development institution appears to absorb more capital than it distributes to borrowers.

3. For all its faults critics however, concede that the bank remains a relatively efficient instrument for distribution of development-aid money.

4. One of the key complaint focuses on this non-profit bank's recent "profitability"

5. Although the lives of millions of people around the globe have been improved by the bank's activities, it is now under fire.

6 .The bank is also being blamed for large-scale involuntary resettlement to make way for dams and other construction projects.

Which sentence should come sixth in the paragraph?

Options

(a) 3

(b) 4

(c) 1

(d) None of these

Answer: 3

Question 18: As a rule of thumb, a manned mission costs from fifty to a hundred times more than a comparable unmanned mission. Thus, for scientific exploration alone, ...(1)... missions, employing machine intelligence, are ...(2)... However, there may well be ...(3)... other than scientific for exploring ...(4)... social, economic, political, cultural or ...(5)...

(solve as per the direction given above)

Options

(a) manned

(b) unmanned

(c) space

(d) lunar

Answer: Unmanned

Question 19: I felt the wall of the tunnel shiver. The master alarm squealed through my earphones. Almost simultaneously, Jack yelled down to me that there was a warning light on. Fleeting but spectacular sights snapped into ans out of view, the snow, the shower of debris, the moon, looming close and big, the dazzling sunshine for once unfiltered by layers of air. The last twelve hours before re-entry were particular bone-chilling. During this period, I had to go up in to command module. Even after the fiery re-entry splashing down in 81° water in south pacific, we could still see our frosty breath inside the command module.

The word 'Command Module' used twice in the given passage indicates perhaps that it deals with

Options

(a) an alarming journey

(b) a commanding situation

(c) a journey into outer space

(d) a frightful battle

Answer: A journey into outer space.

Question 20: Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship.

TEN:DECIMAL

Options

(a) seven:septet

(b) four:quartet

(c) two:binary

(d) five:quince

Answer: Two: binary