

Question 1

Find the odd man out of the group in the following questions:

A. fish B. cow C. sheep D. man

A. A B. B C. C D. D

Ans. D

Question 2

A. steel B. bronze C. iron D. wood

A. A B. B C. C D. D

Ans. D

Question 3

A. apple:jam B. leamon:citrus C. orange:squash D. tomato:pury

A. A B. B C. C D. D

Ans. B

Explanation:

In all other pairs ,second one is the form in which the first is preserved.

Question 4

A. Farmer:plough B. butcher:chopper C. author: book D. jockey:tack

A. A B. B C. C D. D

Ans. C

Explanation:

In all other pairs ,second on is the tool used by first one

Question 5

A. cow:calf B. dog: bitch C. lion:cub D. tortoise:turtle E. insect:larva

A. A B. B C. C D. D E. E

Ans. B

Explanation:

In all other pairs second one is young of the first

Question 6

A. Cow:fodder B. crow:carrion C. poultry:farm D. vulture:prey

A. A B. B C. C D. D

Ans. C

Explanation:

In all other pairs ,second is the food over which the first feeds.

Question 7

A.fish:pisciculture B. birds:horticulture C. bees:apiculture D. silkworm:sericulture

A. A B. B C. C D. D

Ans. B

Explanation:

In all other pairs ,second one the name given to the artificial rearing of the first.

Question 8

Arrange the words given below in a meaningful sequence.

1. Key 2. Door 3. Lock 4. Room 5. Switch on

A. 5, 1, 2, 4, 3 B. 4, 2, 1, 5, 3

C. 1, 3, 2, 4, 5 D. 1, 2, 3, 5, 4

Ans. C

Explanation:

The correct order is : Key Lock Door Room Switch on 1 3 2 4 5

Question 9

1. Word 2. Paragraph 3. Sentence 4. Letters 5. Phrase

A. 4, 1, 5, 2, 3 B. 4, 1, 3, 5, 2

C. 4, 2, 5, 1, 3 D. 4, 1, 5, 3, 2

Ans. D

Explanation:

The correct order is : Letters Word Phrase Sentence Paragraph 4 1 5 3 2

Question 10

1. Police 2. Punishment 3. Crime 4. Judge 5. Judgement

A. 1, 2, 4, 3, 5 B. 5, 4, 3, 2, 1

C. 3, 1, 4, 5, 2 D. 3, 1, 2, 4, 5

Ans. C

Explanation:

Crime Police Judge Judgement Punishment 3 1 4 5 2

Question 10

If a man diligently seeks to come into the contact / with the best that has been thought and said in this world / he will become simple and unselfish .

A. A B. B C. C D. NO ERROR

Ans. A

Explanation:

If a man diligently seeks to come into contact.

Question 11

A fast typist can type some matter in 2 hours and a slow typist can type the same in 3 hours. If both type jointly, in how much time will they finish ?

- A. 1 hour
- B. 1 hour 12 min
- C. 1 hour 15 min
- D. None of these

Ans. B

Explanation:

The fast typist's work done in 1 hr = $\frac{1}{2}$ The slow typist's work done in 1 hr = $\frac{1}{3}$ If they work jointly, work done in 1 hr = $\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$ So, the work will be completed in $\frac{6}{5}$ hours. i.e., $1 + \frac{1}{5}$ hours = 1hr 12 min

Question 12

Today is 4.11.09. Keeping that figure 41109 in mind, i have arrived at the following sequence: 2, 1, 9, 5, _ Which of the following four numbers can fill the dash?

- A. 7
- B. 56
- C. 4563
- D. 262145

Ans. D

Explanation:

$14 + 1 = 2$ $11 + 0 = 1$ $01 + 9 = 9$ $90 + 4 = 5$ So next is $49 + 1 = 262145$

Question 13

If one-seventh of a number exceeds its eleventh part by 100 then the number is

- A. 770
- B. 1100

C. 1825

D. 1925

Ans. D

Explanation:

Let the number be x . Then $\frac{x}{7} - \frac{x}{11} = 100$ $11x - 7x = 7700$ $x = 1925$.

Question 14

The ratio of Rita's age to her mother's age is 3:8. The difference of their ages is 35 years. The ratio of their ages after 4 years will be:

A. 7:12

B. 5:12

C. 38:43

D. 42:47

Ans. B

Explanation:

Let their ages be $3x$ and $8x$ $8x - 3x = 35$ $x = 7$ Their present ages are 21 and 56 years. Ratio of their ages after 4 years are $25:60 = 5:12$

Question 15

If $1.5x = 0.04y$ then the value of $\frac{y-x}{y+x}$ is

A. $\frac{730}{77}$

B. $\frac{73}{77}$

C. $\frac{7.3}{77}$

D. None of these

Ans. B

Explanation:

$$x/y = 0.04/1.5 = 2/75 \text{ So } (y-x)/(y+x) = (1 - x/y)/(1 + x/y) = (1 - 2/75)/(1 + 2/75) = 73/77.$$

Question 16

A man can row 5 kmph in still water. If the river is running at 1kmph, it takes him 75 minutes to row to a place and back. How far is the place ?

A. 3km

B. 2.5 km

C. 4 km

D. 5 km

Ans. A

Explanation:

Speed downstream = $(5+1)$ km/hr = 6 km/hr Speed upstream = $(5-1)$ km/hr = 4 km/hr Let the required distance be x km $x/6 + x/4 = 75/60$ $2x+3x = 15$ $x = 3$ km

Question 17

729 ml of a mixture contains milk and water in ratio 7:2. How much of the water is to be added to get a new mixture containing half milk and half water?

A. 79 ml

B. 81 ml

C. 72 ml

D. 91 ml

Ans. B

Explanation:

Milk = $(729 * (7/9)) = 567$ Water = $(729-567) = 162$ ml Let water to be added be x ml $567/(162+x) = 7/3$
 $1701 = 1134 + 7x$ $x = 81$ ml

Question 18

If $\log 0.317=0.3332$ and $\log 0.318=0.3364$ then find $\log 0.319$?

- A. 0.3396
- B. 0.3369
- C. 0.3368
- D. 0.3338

Ans. A

Explanation:

$\log 0.317=0.3332$ and $\log 0.318=0.3364$, then $\log 0.319=\log 0.318+(\log(0.318-0.317)) = 0.3396$

Question 19

If Thursday was the day after the day before yesterday five days ago, what is the least number of days ago when Sunday was three days before the day after tomorrow ?

- A. Two days ago
- B. Three days ago
- C. Four days ago
- D. Five days ago

Ans. A

Explanation:

"the day after the day before yesterday" = yesterday So, "Thursday was the day after the day before yesterday five days ago" Implies, Five days ago.."Thursday = yesterday" So, Five days ago, "Today = Friday" five days ago, it was Friday today is Wednesday! "three days before the day after tomorrow" = yesterday So, 'x' days ago.."Sunday = yesterday" x days ago, "Today = Monday" x days ago, it was Monday Given that today is Wednesday, $x = 2$ Hence, option 1

Question 20

A tap can fill the tank in 15 minutes and another can empty it in 8 minutes. If the tank is already half full and both the taps are opened together, the tank will be:

A. filled in 12 min

B. emptied in 12 min

C. filled in 8 min

D. emptied in 8 min

Ans. D

Explanation:

Rate of waste pipe being more the tank will be emptied when both taps are opened. Net emptying work done in 1min $= (1/8 - 1/16) = 1/16$ So full tank will be emptied in 16 min Half tank will be emptied in 8 minutes.