Lockdown 4.0 Study Plan Day 12

1. Who has been declared as the winner of the Raja Ram Mohan Roy award 2019 for excellence in journalism?
A. Ravish Kumar
B. Sudhir Chaudhari
C. Rajat Sharma
D. Ghulab Kothari

2. Which of the following country will host the Men's Hockey World Cup 2023?
A. China
B. Bangladesh
C. France
D. India

3. Which of the following represents the equational form of second law of motion of newton?
A. $v = u + at$
B. $F = ma$
C. $v^2 + u^2 = 2as$
D. $KE = 1/2 MV^2$

4. Which of the following is a traditional folk dance of Mizoram?
A. Bamboo dance
B. Thang Ta
C. Garadi
D. Singhi

5. Who birthday is celebrated as National Sports Day?
A. Major Dyanchand
B. Sardar Singh
C. Dhanrak Pille
D. None

6. Who is the oldest woman In the world to climb Mount Everest?
A. Santosh Yadav
B. Tamae Watanabe
C. Bachendri Pal
D. Junko Tabei

7. Scientific name of Guava is _____.
A. Psidium guava
B. Artocarpus guava
C. Punica guava
D. None of these

8. What is the scientific name of Banana?
A. Vitis vinifera
B. Musa paradisicum
C. Artocarpus integra
D. Punica granatum

9. Scientific name of Tulsi is _____.
A. Ocimum sanctum
B. Santalum album
C. Gossypium herbaceum
D. Murraya koenigii

10. What is the transfer of heat between two bodies in direct contact called?
A. Conduction
B. Convection
C. Radiation
D. None of these

In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
11. Bone of contention
A. A delicious non-vegetarian item
B. An item which made them content
C. Cause for quarrel
D. A link between them

Select the word which means the same as the group of words given.
12. Incapable of being reached
A. indefensible
B. insuperable
C. inaccessible
D. invincible

Choose the most appropriate answer and fill in the blanks:
13. He works hard by day and sleeps soundly at night with ___ clear conscience.
A. a
B. an
C. the
D. None of these

Choose the most appropriate alternative to complete the sentence:
14. The lights went out while we _____ the examination.
A. were taken
B. are taken
C. were taking
D. are taking

In the following question, out of the four alternatives, select the alternative which is the best substitute for the phrase.

15. Pay Attention
A. Heed
B. Glance at
C. Overlook
D. Repair

In the sentence identify the segment which contains the grammatical error.

16. Pinot Noir has been gaining in popularity with the expansion of New World wine growing regions that cultivate famous persnickety grapes.
A. Pinot Noir has been gaining in popularity
B. expansion of New World wine growing
C. No error
D. regions that cultivate persnickety grapes

In the sentence identify the segment which contains the grammatical error.

17. Once people became aware of Coumadin being a blood thinner, patients would opt for the cheaper succedaneum of the medication for it was more available.
A. Once people became aware of Coumadin
B. No error
C. of the medication for it was more available.
D. patients would opt for the cheaper succedaneum

Select the most appropriate word to fill in the blanks.

18. I felt something hard _____ my cheek
A. hit
B. to hitting
C. to be hitting
D. to hit

Select the most appropriate option to fill in the blank.

19. To make a mountain of a molehill is nothing else _____ sheer foolishness.
A. but
B. than

C. rather
D. unless

Select the most appropriate option to fill in the blank.

20. I went to bed early _____ I had a train to catch in the morning.
A. but
B. as
C. although
D. and

21. A shopkeeper marks the price of the article in such a way that after allowing 28% discount he wants a gain of 12%. If the marked price is Rs.224, then the cost price of the article is:
A. Rs. 168
B. Rs. 120
C. Rs. 196
D. Rs. 144

22. A, B and C can individually complete a piece of work in 24 days, 15 days and 12 days, respectively. B and C started the work and worked for 3 days and left. The number of days required by A alone to complete the remaining work, is:
A. 18
B. $15\frac{1}{2}$
C. $13\frac{1}{5}$
D. 11

23. Pipes P and Q can fill a tank in 18 and 27 minutes, respectively, whereas pipe R can empty the full tank in 54 minutes. P and Q were opened together for 6 minutes and then closed and R was opened. The tank was emptied by R alone in:
A. 35 minutes
B. 45 minutes
C. 30 minutes
D. 40 minutes

24. Three pipes, A, B and C, can fill a cistern in 12, 18 and 24 minutes, respectively. If all the pipes are opened together for 7 minutes, what will be the volume of the water that overflows as the

percentage of the total volume of the cistern?

A. $23\frac{2}{3}$

B. $26\frac{5}{18}$

C. $23\frac{1}{3}$

D. $26\frac{7}{18}$

25. An article is sold for Rs 680 after two successive discounts of 20% and x% on its marked price. The marked price of the article is Rs 1,000. What is the value of x?
A. 15
B. 15.5
C. 12.5
D. 16

26. In a code language, LIFE is written as 11731, then in that code language, how NICE may be written?
A. 13156
B. 13701
C. 24501
D. 15601

27. In a certain code language, BIBILIOGRAPHY is written as YHPARGOILIBIB, then in the same code language, TESTIMONIAL will be written as?

A. LAITSENOMIT
B. LITSEAINOMT
C. MITSETLAINO
D. LAINOMITSET

28. If ONE = 7 and ZERO = 44, then THREE = _____.
A. 119
B. 145
C. 105
D. 99

29. Arrange the given words in the sequence in a meaningful order.
1) Punishment
2) Court
3) police
4) Crime
5) Judgment
A. 4, 3, 2, 5, 1
B. 4, 2, 3, 1, 5
C. 3, 2, 1, 4, 5
D. 4, 5, 2, 1, 3

30. In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
_zm_yxz_pyx_mpy
A. xpzm
B. mzpx
C. xmzp
D. xpmz

###ANSWERS###

1. Ans. D.
• **The Press Council of India (PCI)** has presented the National Awards For Excellence in Journalism, 2019, on 6th November 2019.
• **Chairman of Rajasthan Patrika Pvt. Limited Ghulab Kothari** won the Raja Ram Mohan Roy award 2019.
• He was awarded for his contribution to journalism.
• The awardees will be honoured on November 16 by the PCI on the occasion of the **National Press Day celebration.**

2. Ans. D.
• **India** will host the Men's Hockey World Cup 2023 for the second consecutive time.
• The Men's Hockey World Cup in India from January 13 to 29.
• The 2023 Men's FIH Hockey World Cup will be the **15th edition of the Men's FIH Hockey World Cup.**

3. Ans. B.
• The second law states that the rate of change of momentum of a body is directly proportional to the force applied, and this change in momentum takes place in the direction of the applied force.
• **In equation form, it is F = ma.**
where is F= force exerted
m-mass of body
a=acceleration of body

4. Ans. A.
• Bamboo dance is a very old traditional dance of Mizoram.
• It is also known as Cheraw.
• Some of the tribes living in South East Asia have similar dances in one form or the other with different names.
• This dance is characterized by the use of bamboo staves, which are kept in cross and horizontal forms on the ground. In 2010, a Guinness World Record of the largest number of Cheraw dancers dancing at the same time was made.

5. Ans. A.
• Major Dhyanchand was known as 'The Wizard of Hockey'.
• Major Dhanchand is one of the best hockey players of India, under his leadership India won three Olympic gold medals, in 1928, 1932 and 1936.
• **His birthday, 29 August, is celebrated as National Sports Day in India every year.**

6. Ans. B.
• **The oldest woman to climb Mt. Everest is Tamae Watanabe of Japan, who reached the summit in 2012** at the age of 73. In 1977 she climbed Mt. McKinley (the highest mountain peak in North America).
• In 2002 she became the then oldest woman to climb Mt. Everest. Ten years later, in 2012, she again became the oldest woman to scale Mt. Everest at the age of 73.

7. Ans. A.
• **Psidium guava is the scientific name of guava**.
• India is the largest producer of Guava.
• China and Thailand comes at second and third position.

8. Ans. B.
Scientific names of above are-
a) **Musa paradisicum- Banana**
b) Vitis vinifera -Grapes
c) Artocarpus integra-Jack Fruit
d) Punica granatum-Pomegranate

9. Ans. A.
Scientific Names:
a) **Ocimum sanctum-Tulsi**
b) Murraya koenigii-Curry Plant
c) Gossypium herbaceum-Cotton
d) Santalum album-Sandalwood

10. Ans. A.
• **Conduction** is the transfer of heat through direct contact between different objects or substances or bodies.
• It occurs when two objects at different temperatures are in contact with each other.
• Heat flows from the warmer to the cooler object until they are both at the same temperature.
• It is the movement of heat through a substance by the collision of molecules.

11. Ans. C.
The phrase "bone of contention" means the main issue of a disagreement; something to quarrel about. Option C

'cause for quarrel' expresses the correct meaning of the phrase.

12. Ans. C.

Invincible = too powerful to be defeated or overcome.

Inaccessible = unable to be reached.

Insuperable = (of a difficulty or obstacle) impossible to overcome; insurmountable.

Indefensible = not justifiable by argument; not able to be protected against attack.

Hence, option C is the correct answer.

13. Ans. A.

The choice between "a" or "an" depends on whether the following word starts with a consonant or vowel sound. The correct article would be "a" becuase the word "clear" starts with a consonant sound.

14. Ans. C.

The sentence is of past tense and the use of "while" shows a continuous action taking place. This means continuous form of verb should be used in the sentence. Thus, the correct answer is option C.

Option A is incorrect as third form of main verb is used with the verb "were" while we need continuous form of verb (ing form). Options A and D are incorrect as the sentence is of past tense and "are" is a verb which belongs to present tense.

15. Ans. A.

Take notice of someone or something is called to pay attention.

Heed means pay attention to; take notice of.

Glance at means to take a brief or hurried look.

Overlook means fail to notice.

Repair means to restore (something damaged, faulty, or worn) to a good condition.

16. Ans. D.

Option D has the erroneous part of the sentence. "Persnickety grapes" is a specific object which is famous and to specify these objects, we use definite article "the" before them. So, the error is in part 4 as there is no "the" before "Persnickety grapes".

17. Ans. C.

The last part of the sentence is a reason for the choice of medication and the preposition used in part 3 is "for" which is

incorrect. "Since" should be used here as it can be used in explaining something.

18. Ans. A.

The sentence is in simple past tense. Therefore, we will use past participle form of the verb, 'Hit.' Hence, option (A) will come in place of the blank.

19. Ans. A.

Option A is the correct choice. "Else" takes "but" with it. i.e. "nothing else but sheer foolishness." "Than" is used to introduce second element in comparison. "Rather" is used to indicate one's preference and "unless" is a conjunction used to join a condition.

Example: Religion is *nothing else but* love to God and man.

20. Ans. B.

We use "as" as a preposition and a conjunction. When used as a conjunction, we use 'as' to connect a result with a cause.

e.g. He borrowed some money from me as he had forgotten his purse at his home.

In the given sentence, the first part is the cause and the second part is its result. Hence, option B is the correct answer.

21. Ans. D.

Marked Price = Rs 224

Discount = 28%

Discount = (28/100)×224 = Rs 62.72

Selling Price = Marked Price – Discount

= 224 – 62.72

= Rs. 161.28

Profit percent = 12%

Hence, cost Price = $\frac{SP \times 100}{100+P\%}$ = $\frac{161.28 \times 100}{100+12}$

=Rs.144

22. Ans. C.

Total days of work of:

A = 24 days

B = 15 days

C = 12 days

Total work = 120 units

Efficiency of A = 120/24 = 5units

Efficiency of B = 120/15 = 8 units

Efficiency of C = 120/12 = 10 units

Now given that:

B and C started the work.

So, in 3 days B completes 8× 3 = 24 units and C completes = 10 × 3 = 30 units

Total work completed by B and C in three days. = 24 + 30 = 54 units

Left work = 120 – 54 = 66 units
A completes 5 units in 1 day

⇒ 66 units = 66/5 = $13\frac{1}{5} days$

23. Ans. C.
Here P can fill in = 18 minutes.
Q can fill in = 27 minutes
R can empty tank in = 54 minutes
LCM of 18 , 27 , 54 = 54 units

So P can fill in 1 minute = $\frac{54}{18} = 3\ unit$

Q can fill in 1 minute = $\frac{54}{27} = 2\ unit$

R can empty tank in 1 minute = $\frac{54}{54} = 1\ unit$

Now P and Q were opened together for 6 minutes
So, total units = 6 × 5 = 30 unit
Therefore, 30 units can be emptied by R in 30 minutes.

24. Ans. D.
A, B and C, can fill a cistern in 12, 18 and 24 minutes.
LCM = 72 units

A = $\frac{72}{12} = 6\ units$

B = 4 units
C = 3 units
Together they can fill = 13 units
If all the pipes are opened together for 7 minutes.
So 13 units = 1 min
⇒ 7 minutes = 91 units
Extra units filled = 91 – 72 = 19 units

Percentage = $\frac{19}{72} \times 100 = 26\frac{7}{18}\ \%$

25. Ans. A.
Marked price of the article = Rs 1000
Selling price of article = Rs 680
Discount 20% and x%
After allowing 20% discount on Rs 1000

we have $\frac{20}{100} \times 1000 = 200$

New price = 1000 – 200 = 800
Now 800 - 680 = 120

⇒ $\frac{120}{800} \times 100 = 15\%$

26. Ans. B.
Consider letter code-
As,
LIFE=L(12)I(9)F(6)E(5)
= L(12-1)I(9-2)F(6-3)E(5-4)
= L(11)I(7)F(3)E(1)=11731
Similarly,
NICE=N(14)I(9)C(3)E(5)
=N(14-1)I(9-2)C(3-3)E(5-4)
=N(13)I(7)C(0)E(1)=13701
Hence, Option B is the correct response.

27. Ans. D.
Logic- write letter in the reverse order.
As,
BIBILIOGRAPHY = YHPARGOILIBIB
Similarly,
TESTIMONIAL = LAINOMITSET
Hence, the correct answer is option D.

28. Ans. C.
Logic- (number of letters)^3-20
As, ONE = 3^3-20 = 27-20 = 7
And ZERO = 4^3-20 = 64-20 = 44
Similarly,
THREE = 5^3-20 = 125-20 = 105
Hence, option C is the correct response.

29. Ans. A.
In this question, we show that –
Crime occurs then police then court then judgment and then punishment.
So the correct sequence is 4, 3, 2, 5, 1.
So the correct answer is option A.

30. Ans. D.
In this question, we show that-
Given series: -zm-yxz-pyx-mpy
Inserting letters of option D we get,
xzmpy/ xzmpy / xzmpy
So the correct answer is option D.

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