

SSC MTS Question Paper 2020 7th Oct (Shift 2)

Section : General English

1. Select the INCORRECTLY spelt word.

- A. Emmigrate
- B. Emphasis
- C. Eminent
- D. Emergency

Ans: A

2. Select the most appropriate option to fill in the blank.

_____ he was feeling sick, he ate all the food.

- A. In case
- B. So that
- C. Although
- D. Because

Ans: C

3. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

There is no need to make changes in many part of this sentence as it is grammatically correct.

- A. No substitution required
- B. all
- C. any
- D. that

Ans: C

4. Select the INCORRECTLY spelt word.

- A. Invite
- B. Invalid
- C. Invoke
- D. Inward

Ans: C

5. Select the most appropriate meaning of the given idiom.

Babe in the woods

- A. A wise old person
- B. A young defenceless person
- C. A pale and sickly person

D. A foolish and stupid person

Ans: B

6. Select the most appropriate ANTONYM of the given word.

PROTECT

- A. Harm
- B. Cover
- C. Keep
- D. Secure

Ans: A

7. Select the most appropriate word for the given group of words.

A disease causing a person to fall unconscious involuntarily

- A. Insomnia
- B. Senility
- C. Epilepsy
- D. Dementia

Ans: C

8. Select the most appropriate option to fill in the blank.

Dhyan Chand is _____ one of the greatest hockey players of all time.

- A. thought
- B. observed
- C. considered
- D. believed

Ans: C

9. Select the most appropriate synonym of the given word.

IMPLORE

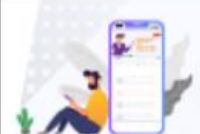
- A. Refuse
- B. Answer
- C. Plead
- D. Apologize

Ans: C

10. Select the most appropriate option to fill in the blank.

She _____ a lot about her health problems.

- A. concerns
- B. troubles
- C. suffers



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D. worries

Ans: D

11. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
Penguins have very shorter wings.

A. Penguins have

B. wings

C. No error

D. very shorter

Ans: D

12. Select the most appropriate ANTONYM of the given word.

CONTENTED

A. Thankful

B. Pleased

C. Comfortable

D. Dissatisfied

Ans: D

13. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
The breakdown in power supply was causing by a defective transformer.

A. The breakdown

B. No error

C. was causing by

D. in power supply

Ans: C

14. Select the most appropriate word for the given group of words.

To run after

A. Sprint

B. Rush

C. Race

D. Pursue

Ans: D

15. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
He was keen set an example for others.

A. for others

B. He was

C. keen set

D. No error

Ans: C

16. Select the most appropriate option to substitute the underlined segm sentence. If there is no need to substitute it, select 'No substitution required'.
Switch off the television if you not watching it.

A. do not watching it

B. No substitution required

C. did not watched it

D. are not watching it

Ans: D

17. Select the most appropriate option to substitute the underlined segment in the given sentence.

They were not surprised by the results and nor were I.

A. did

B. was

C. do

D. are

Ans: B

18. Select the most appropriate option to fill in the blank.

Prem Chand, _____ mainly wrote about rural India, was a great Hindi writer.

A. that

B. whom

C. who

D. which

Ans: C

19. Select the most appropriate meaning of the given idiom.

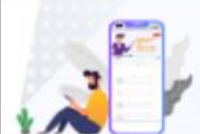
Be all ears

A. Not being alert

B. Ready to wait

C. Eager to listen

D. Be content



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Ans: C

20. Select the most appropriate synonym of the given word.

ANXIETY

A. Delight

B. Worry

C. Calmness

D. Faith

Ans: B

Directions (21-25): In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Soon after the visitors left the room, the artist came in. He was ready (1)_____ on the portrait. He had always hoped that (2)_____ portrait would bring him great acclaim. It (3)_____ turning out really well. A smile appeared on (4)_____ face as he thought of it. Then he (5)_____ to the canvas and uncovered it. He was shocked to see that somebody had scratched the entire painting with a knife.

21. Select the most appropriate option to fill in blank no. 1.

A. to work

B. worked

C. working

D. work

Ans: A

22. Select the most appropriate option to fill in blank no. 2.

A. it

B. that

C. this

D. these

Ans: C

23. Select the most appropriate option to fill in blank no. 3.

A. is

B. was

C. were

D. are

Ans: B

24. Select the most appropriate option to fill in blank no. 4.

A. his

B. their

C. its

D. her

Ans: A

25. Select the most appropriate option to fill in blank no. 5.

A. appeared

B. arrived

C. reached

D. came

Ans: D

Section : General Intelligence and Reasoning

1. Which of the following numbers will replace the question mark (?) in the given series?

27, 29, 32, 37, 44, 55, 68, ?

A. 85

B. 71

C. 80

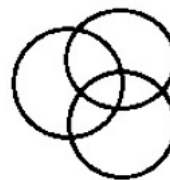
D. 90

Ans: A

2. Select the Venn diagram that best illustrates the relationship between the following classes.

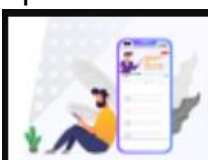
Animals, Cattle, Cow

A.



B.





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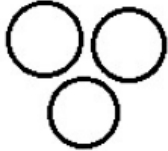
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C.



D.



Ans: C

3. Six friends are sitting in a line facing West. Gaurav is sitting at the third place to the left of Meenal. Varun is sitting between Vasu and Meenal. Poorvi is third to the right of Varun. Lalit is sitting to the immediate right of Meenal. Gaurav is sitting at one of the corners. Who is sitting to the immediate left of Poorvi?

- A. Vasu
- B. Gaurav
- C. Meenal
- D. Lalit

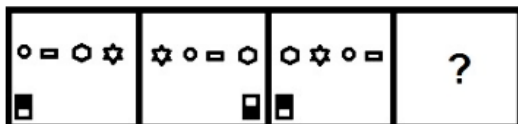
Ans: D

4. If $Q > Z = U$, $P = T < E$, $Q < D < P$, then which of the following expressions is NOT correct?

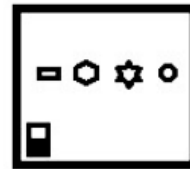
- A. $U < D$
- B. $Z < T$
- C. $U > T$
- D. $Q > U$

Ans: C

5. Select the figure that will replace the question mark (?) in the following figure series.



A.



B.



C.



D.



Ans: C

6. Which two numbers should be interchanged to make the given equation correct?

$$45 \div 5 \times 7 + 18 - 9 = 48$$

- A. 45 and 9
- B. 9 and 7
- C. 5 and 9
- D. 18 and 9

Ans: C

7. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

CROP : WVYJ :: NASTY : ?

- A. FAZKR
- B. ZABHO
- C. FAZHU
- D. GABHV

Ans: C

8. Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



A.



B.



C.



D.



Ans: B

9. In a certain code language, 'ROSTED' is written as '91282054' and 'MYSTIC' is written as '14282093'. How will 'FLARED' be written in that language?

- A. 2115011754
- B. 6012261854
- C. 2115261854
- D. 2015260954

Ans: C

10. Which of the following numbers will replace the question mark (?) in the given series?

21, 26, 41, 76, 141, ?

- A. 217
- B. 203
- C. 177
- D. 246

Ans: D

11. In a certain code language, 'FRINGE' is written as '61891475'. How will 'PLEASE' be written in that language?

- A. 111522119
- B. 171512105
- C. 161251195
- D. 161251095

Ans: C

12. Select the option that will replace the question mark (?) in the figure given below to complete the pattern.



A.



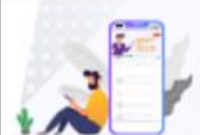
B.



C.



D.



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Ans: D

13. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

| | | |
|----|----|----|
| 28 | 45 | 22 |
| 20 | 36 | ? |
| 64 | 81 | 16 |

A. 34

B. 20

C. 18

D. 36

Ans: C

14. In a certain code language, 'POUR' is written as 'KLFI'. How will 'PROJECT' be written in that language?

A. KMBTIJR

B. KILPUYG

C. KJLRVXH

D. KILQVXG

Ans: D

15. Select the option that is related to the third word in the same way as the second word is related to the first word.

Teacher : School :: Nurse : ?

A. Hospital

B. Treatment

C. Medicine

D. Surgery

Ans: A

16. Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

No pen is a pencil.

All pencils are chalks.

Conclusions:

I. No chalk is a pen.

II. No pencil is a pen.

III. Some chalks are pencils.

A. Only conclusions I and III follow.

B. Only conclusions II and III follow.

C. All of the conclusions follow.

D. Only conclusions I and II follow.

Ans: B

17. If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following expression?

17 C 12 A (6 B 4) D 8 A 15 D 5

A. 13

B. 21

C. 11

D. 17

Ans: C

18. Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All cars are buses.

Some cars are trucks.

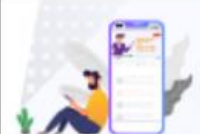
Conclusions:

I. Some trucks are cars.

II. Some buses are trucks.

A. Neither conclusion I nor II follows.

B. Both conclusions I and II follow.



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C. Only conclusion II follows.

D. Only conclusion I follows.

Ans: B

19. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



A.

b j y v d b

B.

p t x v q b

C.

p t y v d b

D.

p t y x q p

Ans: C

20. In a certain code language, 'SERPENT' is written as 'RESPTNE'. How will 'CONTACTS' be written in that language?

A. MOCTTDB

B. CPOUBDU

C. NCOTTAD

D. NOCTTCA

Ans: D

21. Seven girls A, B, C, D, E, F and G are sitting around a circular table facing the centre of the table. E is sitting between D and C. G is second to the right of E. A is third to the right of C. B is between A and D. A is second to the left of D. Who is at the third place to the right of F?

A. B

B. D

C. E

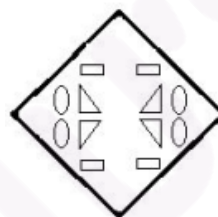
D. A

Ans: B

22. A paper is folded and cut as shown below. How will it appear when unfolded?



A.



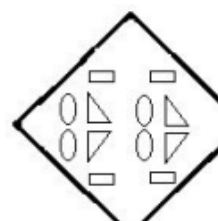
B.



C.



D.



Ans: A

23. Select the option that is related to the third word in the

same way as the second word is related to the first word.

Complete : Unfinished :: Defeat : ?

- A. Sorrow
- B. Victory
- C. Opponent
- D. Desire

Ans: B

24. Which of the following letter-clusters will replace the question mark (?) in the given series?

HQMR, IRLQ, JSKP, KTJO, ?

- A. LUIN
- B. LUJO
- C. MUJN
- D. MUJO

Ans: A

25. Select the option that is related to the third number in the same way as the second number is related to the first number.

11 : 242 :: 14 : ?

- A. 288
- B. 392
- C. 289
- D. 882

Ans: B

Section : Numerical Aptitude

1. 15 men can do a job in 12 days and 18 women can do it in 15 days. How many days will 5 men and 3 women take to complete the job?

- A. $28\frac{5}{7}$
- B. $25\frac{5}{7}$
- C. $23\frac{5}{7}$
- D. $27\frac{5}{7}$

Ans: B

2. If each side of a rectangle is increased by 12%, then by what percentage will its area increase?

- A. 12.65%
- B. 27.5%
- C. 25.44%
- D. 18.54%

Ans: B

3. The profit earned by selling an article for ₹832 is equal to the loss incurred when the article is sold for ₹448. What should be the selling price (in ₹) for making 20% profit?

- A. 640
- B. 768
- C. 704
- D. 720

Ans: B

4. A person sold an article at a loss of 7%. Had he sold it at a gain of 10.5%, he would have received ₹105 more. To gain 11%, he should have sold it (in ₹) for:

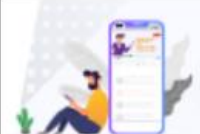
- A. 600
- B. 666
- C. 636
- D. 642

Ans: B

5. The average of eleven numbers is 80. The average of the first four numbers is 74.5 and that of the next four numbers is 82.5. The ninth number is 6 more than the tenth number, and the tenth number is 6 less than the eleventh number. What is the average of the ninth and eleventh numbers?

- A. 87
- B. 80
- C. 86
- D. 85

Ans: C



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6. A can do one-fourth of a work in 5 days and B can do two-fifth of the work in 10 days. In how many days can both A and B together do the work?

- A. $12\frac{1}{9}$
- B. $11\frac{1}{9}$
- C. $13\frac{1}{9}$
- D. $10\frac{1}{9}$

Ans: B

7. The least number which when divided by 15, 25, 35, 40 leaves remainders 10, 20, 30, 35, respectively, is:

- A. 4210
- B. 4200
- C. 4205
- D. 4195

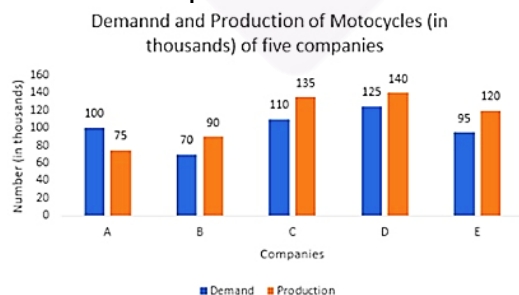
Ans: D

8. How much time in years) will it take for an amount of ₹900 to yield ₹81 as interest at 4.5% per annum of simple interest?

- A. 5
- B. 3
- C. 4
- D. 2

Ans: D

9. Study the following graph and answer the question that follows.



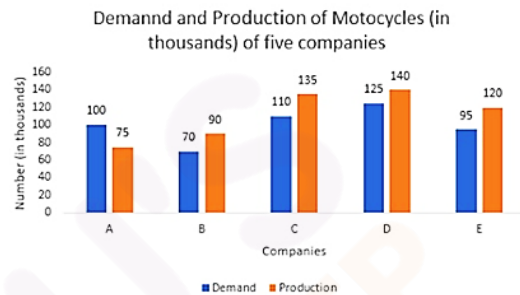
Demand Production The company whose production of motorcycles

is approximately 12% more than the demand is:

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

Ans: A

10. Study the following graph and answer the question that follows.



The average production of motorcycles of companies A, B and C is what percentage less than the demand of motorcycles of D?

- A. 20%
- B. 22.5%
- C. 18%
- D. 12.5%

Ans: A

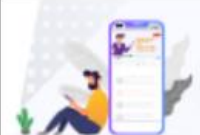
11. The income of A is 50% more than that of B. If the income of A is increased by 40% and the income of B is increased by 30%, then the percentage increase in their combined income is:

- A. 24%
- B. 32%
- C. 40%
- D. 36%

Ans: D

12. The values of the mode and median are 7.52 and 9.06, respectively, in a moderately asymmetrical distribution. The mean of the distribution is:

- A. 9.83
- B. 8.67



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C. 10.23

D. 9.5

Ans: A

13. A path 6 m wide runs around and outside of a rectangular plot of length 10 m and breadth 8 m. The area (in m²) of the path is:

A. 440

B. 600

C. 80

D. 360

Ans: D

14. The speeds of three cars are in the ratio of 3 : 4 : 8. The ratio of the time taken by these cars for travelling the same distance is:

A. 8 : 6 : 3

B. 6 : 8 : 3

C. 8 : 3 : 6

D. 6 : 3 : 8

Ans: A

15. A dealer bought an article at 10% discount on its marked price and sold it at a price which is 20% above the marked price. The gain percentage (correct to the nearest integer) is:

A. 33%

B. 35%

C. 25%

D. 28%

Ans: A

16. Excluding stoppages, the speed of a bus is 60 km/h and including stoppages, it is 51 km/h. For how many minutes does the bus stop per hour?

A. 9

B. 12

C. 8

D. 10

Ans: A

17. The total number of students in class A and B is 92. The

number of students in A is 30% more than that in B. The average weight (in kg) of students in B is 50% more than that of students in A. If the average weight of all the students in A and B is 56 kg, then what is the average weight (in kg) of students in B?

A. 46

B. 40

C. 69

D. 52

Ans: C

18. The ratio of the present ages of A and B is 6 : 5. Four years ago, this ratio was 5 : 4. What will be the ratio of the ages of A and B after ten years?

A. 11 : 15

B. 17 : 15

C. 15 : 11

D. 15 : 17

Ans: B

19. The volume of a metallic cylindrical pipe is 1232 cm³. If its external radius is 7 cm and thickness is 2 cm, then the length of the pipe (correct to one decimal place) (in cm) is: (Take

$$\pi = \frac{22}{7})$$

A. 18.5

B. 17.2

C. 16.3

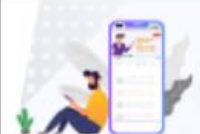
D. 14.2

Ans: C

20. A sum of ₹x is divided among A, B and C such that the ratio of the shares of A and B is 7 : 12 and that of B and C is 8 : 5. If the difference in the shares of A and C is 219, then the value of x is:

A. 17,231

B. 15,321



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C. 11,607

D. 21,901

Ans: C

21. If x is a positive quantity, then what is the value of $3x$, if $0.42\bar{3} - 0.2$ of $52.5 \div 0.84 = x^2 - (0.02\bar{1} + 12.5)$?

A. 2

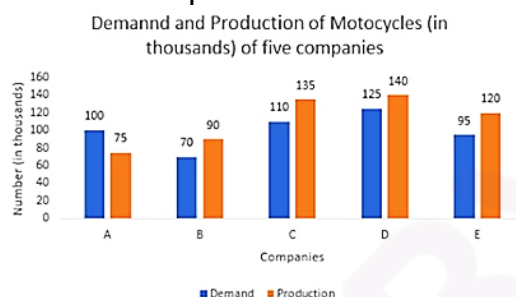
B. $\frac{1}{4}$

C. $\frac{1}{2}$

D. 1

Ans:

22. Study the following graph and answer the question that follows.



The total production of motorcycles of companies B and E is what percentage of the demand of motorcycles of all the companies taken together?

A. 40%

B. 46%

C. 48%

D. 42%

Ans: D

23. A sum of ₹7,500 amounts to ₹8,748 after 2 years at a certain rate per cent per annum compounded annually. What will be the simple interest (in ₹) on the same sum for 3 years at double the earlier rate?

A. 3,600

B. 3,750

C. 4,200

D. 2,800

Ans: A

24. The speed of a boat in still water is 30 km/h and the rate of the current is 6 km/h. The distance (in km) travelled upstream in 5 minutes is:

A. 3

B. 4

C. 2

D. 2.5

Ans: C

25. The value of $1\frac{19}{21} -$

$\left[1\frac{10}{21} + \frac{1}{2} \text{ of } \frac{1}{3} \div \frac{7}{12} - \left(\frac{2}{7} \text{ of } \frac{1}{5}\right)\right]$ is:

A. $\frac{1}{5}$

B. $\frac{3}{5}$

C. $\frac{2}{5}$

D. $\frac{1}{10}$

Ans: A

Section : General Awareness

1. Which causative agent is responsible for spreading AIDS?

A. Bacteria

B. Virus

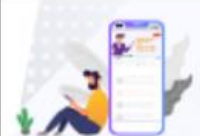
C. Protozoa

D. Fungus

Ans: B

2. Which of the following Union Ministries organises All India Whips' Conference to establish suitable links among the whips of various political parties at the centre and the states/union territories who are concerned with the practical working of the legislatures?

A. Ministry of Home Affairs



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- B. Ministry of Information and Broadcasting
- C. Ministry of Parliamentary Affairs
- D. Ministry of Human Resource Development

Ans: C

3. Synthetic fibres catch fire easily. However, the uniforms of firemen have a coating of _____ plastic to make them flame resistant.

- A. nylon
- B. melamine
- C. acrylic
- D. rayon

Ans: B

4. Who among the following is the author of the book 'The Testaments'?

- A. Jokha Alharthi
- B. Andrew Sean Greer
- C. Anna Burns
- D. Margaret Atwood

Ans: D

5. Which of the following two nations will host the FIFA Women's World Cup 2023?

- A. Norway and Sweden
- B. Australia and New Zealand
- C. The US and Canada
- D. Japan and South Korea

Ans: B

6. Which of the following are the cellular structures responsible for protein synthesis?

- A. Lysosomes
- B. Mitochondria
- C. Golgi apparatus
- D. Ribosomes

Ans: D

7. Who among the following was elected as the President of the Indian National Congress in the year 1938 and 1939?

- A. Subhash Chandra Bose
- B. Dr. Rajendra Prasad
- C. C Rajagopalachari
- D. Sardar Vallabhbhai Patel

Ans: A

8. The deficiency of Vitamin _____ causes Pellagra.

- A. B3
- B. B6
- C. B2
- D. B12

Ans: A

9. Statistics Day of India is celebrated each year on 29 June to mark the birth anniversary of:

- A. KC Sreedharan Pillai
- B. CR Rao
- C. Raghu Raj Bahadur
- D. PC Mahalanobis

Ans: D

10. Human Development Report is published by:

- A. United Nations Conference on Trade and Development
- B. United Nations Child and Education Fund
- C. United Nations Development Program
- D. United Nations Capital Development Fund

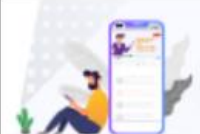
Ans: C

Ans: C

11. Which of the following ministries of the Government of India is the nodal Ministry for 'Garib Kalyan Rojgar Abhiyaan' launched in June 2020?

- A. The Ministry of Rural Development
- B. The Ministry of Jal Shakti
- C. The Ministry of Housing and Urban Affairs
- D. The Ministry of Labour and Employment

Ans: A



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12. Which of the following teams won the inaugural Cricket World Cup in 1975?

- A. East Africa
- B. Australia
- C. England
- D. West Indies

Ans: D

13. As per the Constitution of India, what is the maximum number of states for which the same person can be appointed as Governor?

- A. There is no limit
- B. One state
- C. Two states
- D. Three states

Ans: A

14. Which of the following scripts is considered as the mother of all modern Indian scripts?

- A. Harappan
- B. Brahmi
- C. Devanagari
- D. Bengali-Assamese

Ans: B

15. Which of the following planets does NOT have any moon?

- A. Saturn
- B. Venus
- C. Uranus
- D. Jupiter

Ans: B

16. In which of the following states is Bishnupur, famous for terracotta temples, located?

- A. Telangana
- B. Gujarat
- C. West Bengal
- D. Meghalaya

Ans: C

17. Which of the following is the largest mangrove forest in the world?

- A. Godavari-Krishna Mangroves

B. Pichavaram Forest

C. Gulf of Panama Mangroves

D. Sundarbans Reserve Forest

Ans: D

18. The All India Muslim League was founded in 1906 at:

- A. Lahore
- B. Bombay
- C. Lucknow
- D. Dacca

Ans: D

19. Tsering Landol, who was one of the recipients of the Padma Bhushan 2020 award, hails from:

- A. Sikkim
- B. Mizoram
- C. Arunachal Pradesh
- D. Ladakh

Ans: D

20. Which of the following rivers flows into the Bay of Bengal?

- A. Narmada
- B. Mahanadi
- C. Tapi
- D. Indus

Ans: B

21. Which of the following Articles of the Constitution of India empowered the Parliament to provide by law for continued use of English for official purposes even after 25 January 1965?

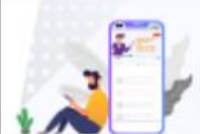
- A. Article 348 (2)
- B. Article 348 (3)
- C. Article 343 (3)
- D. Article 343 (2)

Ans: C

22. Population Geography is a branch of _____.

- A. Settlement Geography
- B. Cultural Geography
- C. Human Geography
- D. Physical Geography

Ans: C



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23. Which of the following texts gives the most detailed account of the history of Kashmir?

- A. Ritusamhara
- B. Rajatarangini
- C. Abhijananashakuntalam
- D. Meghadutam

Ans: B

24. With which of the following fields was Kishori Amonkar associated?

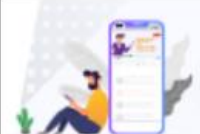
- A. Indian classical music
- B. Western music
- C. Indian classical dance
- D. Indian classical instrument

Ans: A

25. According to the UN Conference on Trade and Development (UNCTAD), India was the _____ largest recipient of Foreign Direct Investment (FDI) in the year 2019.

- A. 7th
- B. 8th
- C. 9th
- D. 10th

Ans: C



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