# SSC MTS (2022) Official Paper (Held On: 09 May 2023 Shift 3) (Previous Year Paper)

SSC Multi-Tasking Staff (MTS) • 2022 • 90 questions • 90 minutes • Answer key

**Take this paper as a timed mock test**

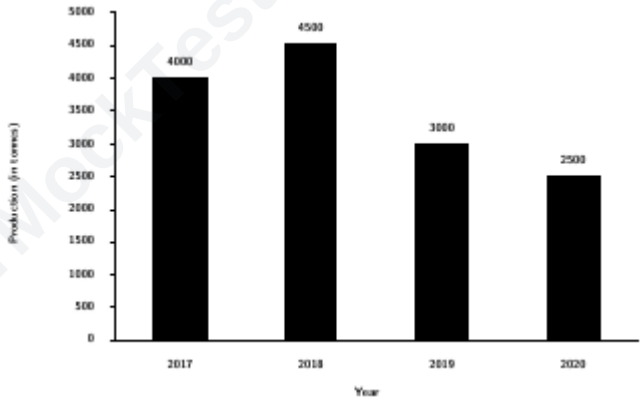
Practise under exam conditions, then review your answers after you submit.

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## SESSION 1

**Q1.** In the following graph the production of raggi in 4 consecutive years are plotted. In which year the production of raggi is minimum?




**(a)** 2020
**(b)** 2017
**(c)** 2019
**(d)** 2018

**Q2.** Length of a rectangle is 58 meters, while its breadth is 30 meters. What is the total cost of covering it with grass bed if cost is Rs. 20 per m²?

**(a)** Rs. 34800
**(b)** Rs. 32400
**(c)** Rs. 28500
**(d)** Rs. 17400

**Q3.** What is the product of the two number whose HCF is 7 and LCM is 280.

**(a)** 1980
**(b)** 980
**(c)** 3920
**(d)** 1960

**Q4.** The average price of two items is Rs. 2440. If their prices are in the ratio 9 : 11, then find the price of the costlier item.

**(a)** Rs. 2684
**(b)** Rs. 2552
**(c)** Rs. 2442
**(d)** Rs. 2992

**Q5.** Find the value of 0.5 + 0.55 + 0.555 + 0.5555:

**(a)** 1.4405
**(b)** 1.0555
**(c)** 1.5555
**(d)** 2.1605

**Q6.** After selling the article for Rs. 430, a person had a loss of 14%. For earning a gain of 14% how much amount an article will be sold?

**(a)** Rs. 480
**(b)** Rs. 490
**(c)** Rs. 570
**(d)** Rs. 600

**Q7.** A man can swim at a speed of 14 km/hr in still water. If he takes twice the time as long to swim opposite the flow of the river than with the flow of the river, find the rate of the stream.

**(a)** 14/5 km/hr
**(b)** 11/5 km/hr
**(c)** 11/4 km/hr
**(d)** 14/3 km/hr

**Q8.** A man buys 15 pens for a rupee. How many pens should he sell for a rupee to earn a profit of 50 percent?

**(a)** 6
**(b)** 8
**(c)** 10
**(d)** 12

**Q9.** If the volume of a cube is 5832 $cm^3$, then what is the lateral surface area of this cube ?

**(a)** 1024 $cm^2$
**(b)** 384 $cm^2$
**(c)** 576 $cm^2$
**(d)** 1296 $cm^2$

**Q10.** P alone can do a piece of work in 24 days. Q alone can do it in 30 days and R alone can do it in 20 days. In how many days they can complete it together?

**(a)** 15 days
**(b)** 18 days
**(c)** 8 days
**(d)** 10 days

**Q11.** Manisha has Rs. 8000 in her wallet. Then she increased it by 10%. Now she spent 5% of it. The final value of money in her wallet will be how much percent greater than the initial amount?

**(a)** 5%
**(b)** 6%
**(c)** 4.5%
**(d)** 5.5%

**Q12.** What is the compound interest on Rs. 20000 at 10% per annum for 1 year 6 months, compounded half yearly?

**(a)** Rs. 3215.5
**(b)** Rs. 3200
**(c)** Rs. 3152.5
**(d)** Rs. 3300

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**Q13.** If interest is being compound annually, then what sum will amount to Rs. 4036.8 in 2 years at the rate of 16 percent per annum at compound interest?

**(a)** Rs. 3000
**(b)** Rs. 1500
**(c)** Rs. 4000
**(d)** Rs. 2500

**Q14.** A man gets a discount of 15% and then 35% on his food bill of Rs. 400. How much discount, in rupees, did he get?

**(a)** Rs. 255
**(b)** Rs. 300
**(c)** Rs. 250
**(d)** Rs. 179

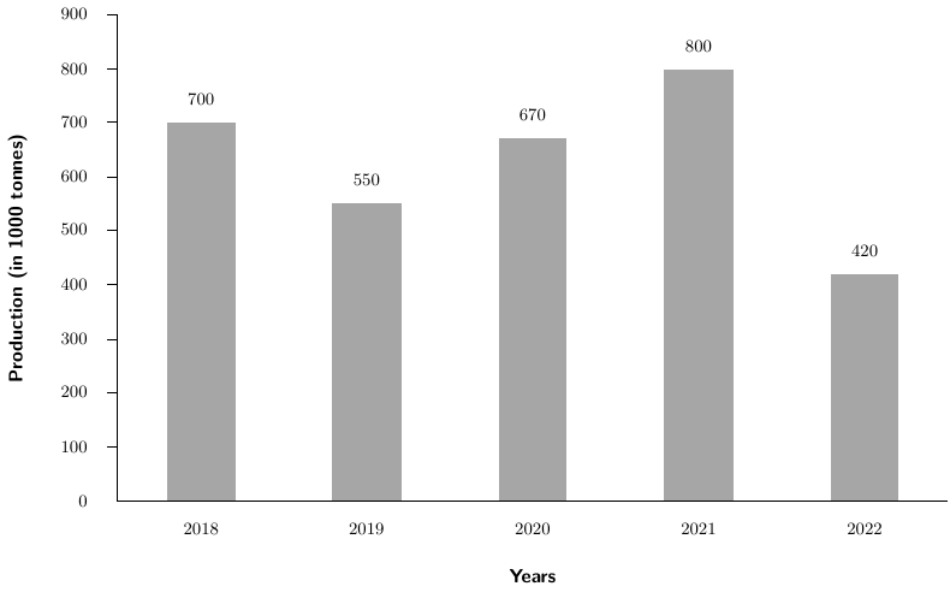
**Q15.** Monika took a non-stop flight to visit her grandparents. The 650 km trip took 1 hour and 30 minutes. Because of the bad weather, the return trip took 2 hour 30 minutes. What was her average speed for the round trip?

**(a)** 1300 kmph
**(b)** 550 kmph
**(c)** 325 kmph
**(d)** 690 kmph

**Q16.** Three positive numbers are in the proportion of 2 : 3 : 5. If the sum of their squares is 342, then find the largest number.

**(a)** 35
**(b)** 55
**(c)** 15
**(d)** 25

**Q17.** The bar chart given below shows the annual production (in 1000 tonnes) of coffee of a country for the years 2018 to 2022. What is the average production (in 1000 tonnes) of coffee for years 2018, 2019 and 2020?




**(a)** 530
**(b)** 810
**(c)** 720
**(d)** 640

**Q18.** If A is the mean proportion of 24 and 6. B is the mean proportion of 81 and 9. Find the value of 3A + B.

**(a)** 33
**(b)** 32
**(c)** 63

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**(d)** 55

**Q19.** Find the total surface area of cuboid having length 23 cm, breadth 18 cm and height 35 cm.

**(a)** 6541 cm2
**(b)** 2341 cm2
**(c)** 3698 cm2
**(d)** 5436 cm2

**Q20.** 35 men can complete a work in 15 days. 15 women can complete the same work in 35 days. In how many days 9 men and 16 women can complete the work?

**(a)** 15 days
**(b)** 18 days
**(c)** 10 days
**(d)** 21 days

**Q21.** In the following question, select the missing number of the given series.

13, 14, 27, 41, 68, ?

**(a)** 109
**(b)** 118
**(c)** 110
**(d)** 113

**Q22.** Select the option that is related to the sixth term in the same way as the first term is related to the second term and third term is related to fourth term.

KTM : GOG :: PAB : VVL :: ? : VJN

**(a)** ROC
**(b)** ROB
**(c)** QOB
**(d)** QOD

**Q23.** Select the option that is related to the third number in the same way as the second number is related to the first number.

104 : 13 :: 152 : ?

**(a)** 21
**(b)** 17
**(c)** 19
**(d)** 23

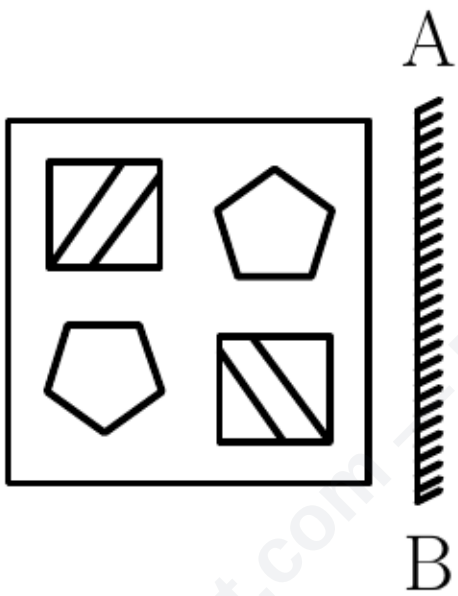
**Q24.** Which of the following numbers will replace the question mark (?) in the given series?

12, 12, 14, 42, 46, 230, 236, 1652, ?

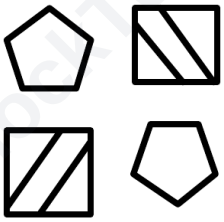
**(a)** 1860
**(b)** 1660
**(c)** 1720
**(d)** 1820

**Q25.** If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?

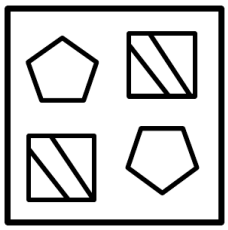
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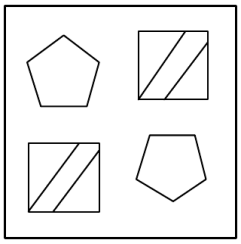

**(a)**



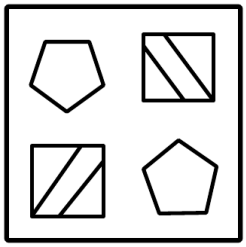
**(b)**



**(c)**



**(d)**



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**Q26.** Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13-Operations on 13 such as adding/subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(2, 6, 8)

(117, 351, 468)

**(a)** (6, 19, 25)
**(b)** (4, 12, 16)
**(c)** (5, 12, 25)
**(d)** (7, 14, 23)

**Q27.** If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following equation?

4 B 12 A 18 C (72 D 6) = ?

**(a)** 60
**(b)** 54
**(c)** 48
**(d)** 63

**Q28.** Price of five cars B, M, J, N and U are compared. Price of J is less than U, M and N. Price of B is the least. No two cars have the same price. Price of U is less than M. Price of neither U nor M is the highest. Price of how many cars is less than the price of U?

**(a)** 1
**(b)** 3
**(c)** 2
**(d)** 0

**Q29.** In a certain code language. 'BELOW' is coded as 'ASPIF'. What is the code for 'BLOOD' in that code language?

**(a)** HSSPF
**(b)** HSSQG
**(c)** HSSPG
**(d)** HSSQF

**Q30.** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. No watch is pen.

II. All pen are green.

Conclusion:

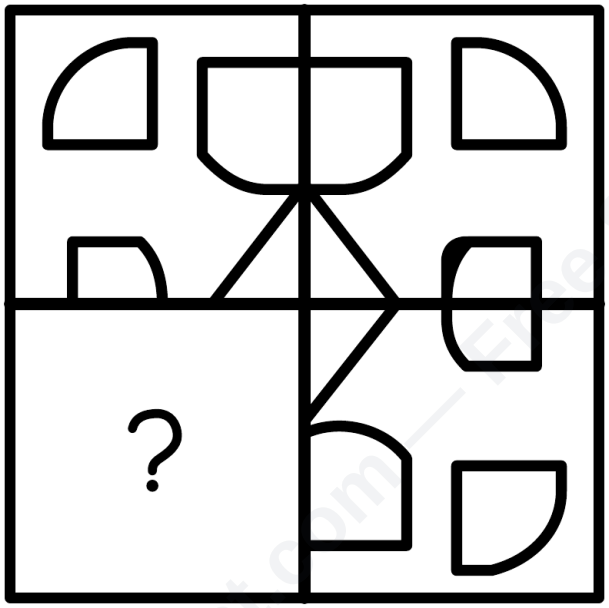
I. Some green are pen.

II. All green are watch.

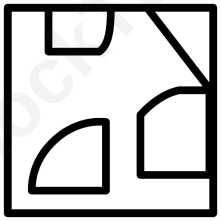
**(a)** Both conclusions I and II follows
**(b)** Only conclusion I follows
**(c)** Neither conclusion follows
**(d)** Only conclusion II follows

**Q31.** Which answer figure will complete the pattern in the question figure?

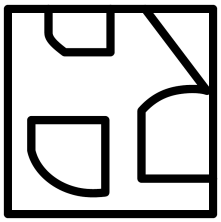
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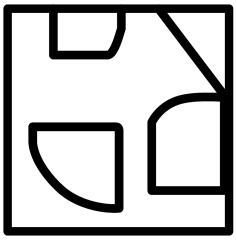

**(a)**



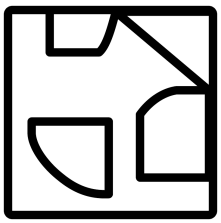
**(b)**



**(c)**



**(d)**



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**Q32.** In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All S are R.

II. No Z is S.

Conclusions:

I. Some S are not Z.

II. Some R. are not Z.

III. No R is S.

**(a)** Both conclusions I and II follows
**(b)** Both conclusions I and III follows
**(c)** Neither conclusion follows
**(d)** Only conclusion I follows

**Q33.** In a certain code language. 'DEEPAK' is written as '3' and 'MEME' is written as '2'. How will 'PLAIN' be written in that language?

**(a)** 11
**(b)** 2
**(c)** 5
**(d)** 4

**Q34.** Six boys Ram, Sumit, Sunil, Rahul, Raj and Aman are sitting around a circular table facing towards the centre (not necessarily in the same order). Sunil is not the immediate neighbour of Aman. Aman is second to right of Ram. Rahul is second to the right of Sumit. Raj is to immediate left of Ram. Who is the immediate neighbour of Raj and Rahul both?

**(a)** Aman
**(b)** Ram
**(c)** Sumit
**(d)** Sunil

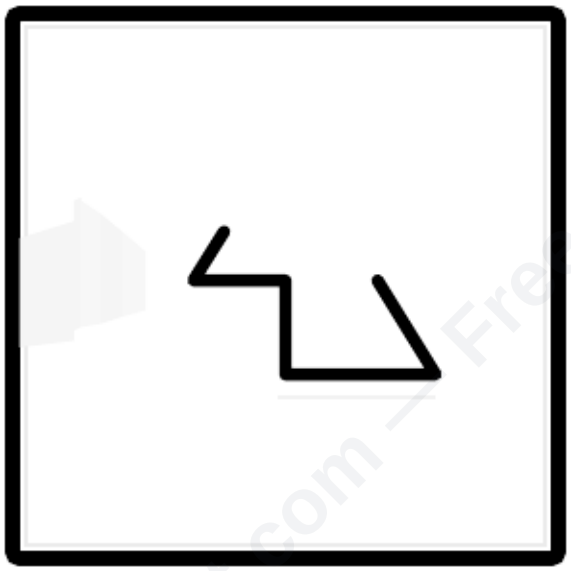
**Q35.** Select the option that is related to the third term in the same way as the second term is related to the first term and sixth term is related to fifth term.

AMC : YJA :: PFD : ? :: JCB : HZZ

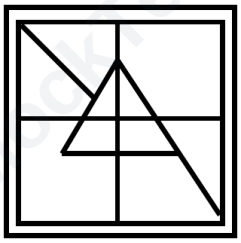
**(a)** NDB
**(b)** MDB
**(c)** MCB
**(d)** NCB

**Q36.** Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

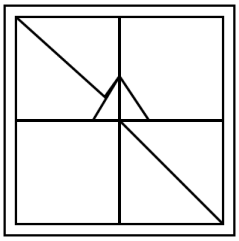
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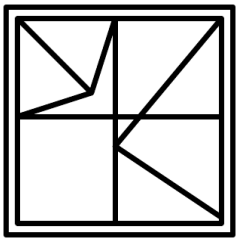
(a)



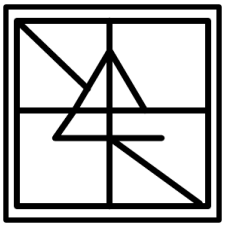
(b)



(c)



(d)



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**Q37.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

AGMR, FLRW, KQWB, PVBG, ?

**(a)** UBGL
**(b)** UBHL
**(c)** UAGL
**(d)** UCHL

**Q38.** After interchanging the which two numbers, the value of the given equation will be '20'?

8 × 2 + 6 ÷ 3 - 7

**(a)** 6 and 7
**(b)** 8 and 7
**(c)** 2 and 6
**(d)** 2 and 3

**Q39.** In a certain code language, 'MANAGER' is written as 'GANARME'. How will 'OFFICER' be written in that language?

**(a)** CIFFREO
**(b)** CFIFROE
**(c)** CFIRFOE
**(d)** CIFFROE

**Q40.** Eight friends Mansi, Shweta, Monika, Payal, Aarti, Kajal, Laxmi and Rani are sitting around a circular table facing towards the centre (not necessarily in the same order). Mansi is third to the left of Monika. Aarti is second to the right of Monika. Shweta is fourth to the left of Payal. Payal is second to the left of Mansi. Rani is third to the right of Kajal. Kajal is not the immediate neighbour of Mansi. Who is second to the left of Monika?

**(a)** Laxmi
**(b)** Mansi
**(c)** Aarti
**(d)** Rani

## SESSION 2

**Q41.** The constitution of India was adopted by the Constituent Assembly in the year _____.

**(a)** 1947
**(b)** 1949
**(c)** 1950
**(d)** 1948

**Q42.** 'Ace against Odds' is an autobiographical book by _____.

**(a)** V.V. Giri
**(b)** Mary Kom
**(c)** Sania Mirza
**(d)** Sachin Tendulkar

**Q43.** Who among the following was the first Indian musician to receive the Grammy Life Time Achievement Award?

**(a)** Nucleya
**(b)** Pandit Ravi Shankar
**(c)** Hariprasad Chaurasia
**(d)** Ustad Zakir Hussain

**Q44.** The first battle of Tarain was fought between _____.

**(a)** Prithviraj Chauhan and Mohammad Bin Qasim
**(b)** Prithviraj Chauhan and Mahmud Ghazanvi
**(c)** Prithviraj Chauhan and Qutubuddin Aibak

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**(d)** Prithviraj Chauhan and Muhammad Ghori

**Q45.** The process in which metals are extracted from their ores by heating beyond the melting point is called _____.

**(a)** Spinning
**(b)** Smelting
**(c)** Heaving
**(d)** Extracting

**Q46.** Which among the following vitamins influences iron absorption?

**(a)** Vitamin B
**(b)** Vitamin D
**(c)** Vitamin C
**(d)** Vitamin K

**Q47.** The Medical Termination of Pregnancy (MTP) Amendment Act, 2021 increases the upper limit for termination from 20 to _____ weeks for certain categories of women.

**(a)** 22
**(b)** 28
**(c)** 26
**(d)** 24

**Q48.** What is the capital of Maldives, a neighboring country of India?

**(a)** Kavaratti
**(b)** Male
**(c)** Colombo
**(d)** Abu Dhabi

**Q49.** Renowned Rajasthani folk dancer Gulabo Sapera is recognized for _____ dance.

**(a)** Bihu
**(b)** Garba
**(c)** Jhumar
**(d)** Kalbeliya

**Q50.** Which God is worshipped during the festival of Chhath Puja?

**(a)** Surya
**(b)** Agni
**(c)** Indra
**(d)** Vishnu

**Q51.** Which acid is predominantly present in tomatoes?

**(a)** Carbonic acid
**(b)** Acetic acid
**(c)** Oxalic acid
**(d)** Tartaric acid

**Q52.** _____ is the father of the modern periodic table.

**(a)** J. J. Thomson
**(b)** Ernest Rutherford
**(c)** John Newland
**(d)** Dmitri Mendeleev

**Q53.** Where is the deepest point on earth, the Mariana Trench, located?

**(a)** Atlantic Ocean
**(b)** Pacific Ocean
**(c)** Indian Ocean

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**(d)** Arctic ocean

**Q54.** The Standard Meridian of India (82°30′ E) passes through _____ state of India.

**(a)** Karnataka
**(b)** Madhya Pradesh
**(c)** West Bengal
**(d)** Punjab

**Q55.** Which famous Indian dancer is associated with Pandavani dance form?

**(a)** Vyjayanthimala
**(b)** Pandit Birju Maharaj
**(c)** Vempati Chinna Satyam
**(d)** Teejan Bai

**Q56.** Bhagat Singh, Sukhdev and Rajguru were executed on _____.

**(a)** March 25, 1932
**(b)** May 23, 1931
**(c)** April 21, 1930
**(d)** March 23, 1931

**Q57.** Rangarajan Committee is associated with _____.

**(a)** Election reforms
**(b)** Educational reform
**(c)** Environmental protection
**(d)** Estimation of poverty

**Q58.** In 1918, Mahatma Gandhi successfully led a strike of _____.

**(a)** Army Soldiers
**(b)** Dalits
**(c)** Mill workers
**(d)** Traders

**Q59.** The famous Dhamek Stupa is located in which of the following states?

**(a)** Andhra Pradesh
**(b)** Uttar Pradesh
**(c)** Madhya Pradesh
**(d)** Himachal Pradesh

**Q60.** The Legislative Council of a State comprises not more than _____ of the total number of members in the Legislative Assembly of the State.

**(a)** two-third
**(b)** three-fourth
**(c)** one-third
**(d)** one-fifth

**Q61.** Meri Policy Mere Hath scheme was launched by _____ Ministry of India in 2022.

**(a)** Human Resource Development
**(b)** Social Justice & Empowerment
**(c)** Housing and Urban Affairs
**(d)** Agriculture and Farmers Welfare

**Q62.** In the situation of liquidity trap, the speculative money demand function becomes _____.

**(a)** unitary elastic
**(b)** infinitely elastic
**(c)** Inelastic

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**(d)** Zero

**Q63.** The Rampurva bull that was part of a Mauryan pillar found in Rampurwa, Bihar is now been placed at _____.

**(a)** Pradhan Mantri bhavan
**(b)** Sansad
**(c)** Rajpath
**(d)** Rashtrapati Bhavan

**Q64.** Which country will host the Men's Cricket World Cup in 2023?

**(a)** India
**(b)** United Kingdom
**(c)** Australia
**(d)** Pakistan

**Q65.** In which country was the ICC Cricket World Cup (Women's) 2022, held?

**(a)** England
**(b)** Australia
**(c)** New Zealand
**(d)** India

**Q66.** Choose the word that means the same as the given word.

Abide

**(a)** Repudiate
**(b)** Decamp
**(c)** Dwell
**(d)** Vamoose

**Q67.** In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

To pull the trigger

**(a)** To make an exaggerated statement
**(b)** To do unnecessary things
**(c)** To insult and disgrace the people
**(d)** To commit a course of action

**Q68.** Choose the incorrectly spelt word.

**(a)** Famous
**(b)** Ornage
**(c)** Leader
**(d)** Flowing

**Q69.** Improve the underlined part of the sentence. Choose ‘No improvement’ as an answer if the sentence is grammatically correct.

Raccoons have being more active at night.

**(a)** are more
**(b)** are few
**(c)** No improvement
**(d)** are much

**Q70.** Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

Professor Murli's eyebrows / rose a little higher and his / gaze became distinctly coldest.

**(a)** gaze became distinctly coldest.
**(b)** No error
**(c)** Professor Murli's eyebrows
**(d)** rose a little higher and his

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**Q71.** Select the most appropriate antonym of the given word.

Reverence

**(a)** Venerate
**(b)** Honour
**(c)** Scorn
**(d)** Deference

**Q72.** In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

On the job

**(a)** In the war
**(b)** Avoiding the work
**(c)** Working at a particular job
**(d)** On the contrary

**Q73.** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Without the greenhouse effect, Earths temperature would be below freezing.

**(a)** Earths temperature would
**(b)** be below freezing.
**(c)** Without the greenhouse effect,
**(d)** No error

**Q74.** Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.

With a (sudden push off understanding), Harry realised who the people in the end beds must be.

**(a)** sudden rush of understanding
**(b)** suddenly rushed understanding
**(c)** No correction required
**(d)** all of sudden understand

**Q75.** Select the most appropriate option to fill in the blank.

The most common sports injury is a _____.

**(a)** brush
**(b)** bruise
**(c)** brews
**(d)** breve

**Q76.** Select the appropriate synonym for the underlined word.

You should never judge a person without knowing the truth.

**(a)** decide
**(b)** wink
**(c)** pacify
**(d)** care

**Q77.** Choose the word that can substitute the given group of words.

A residence for nuns

**(a)** Convent
**(b)** Refugee
**(c)** Monastery
**(d)** Mint

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**Q78.** Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

All work and none play makes Jack a dull boy.

**(a)** no play
**(b)** No improvement
**(c)** none plays
**(d)** no played

**Q79.** Select the most appropriate option to fill in the blank.

Since the temperatures can soar in summer, choose clothing that is lightweight and _____.

**(a)** breathable
**(b)** airtight
**(c)** bulky
**(d)** hefty

**Q80.** A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

_____ every nation in the world is now administering vaccines.

**(a)** Nearly
**(b)** Near
**(c)** Nearest
**(d)** Nearer

**Q81.** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

My research focus on marine mammal behaviour, ecology and conservation.

**(a)** ecology and conservation.
**(b)** marine mammal behaviour,
**(c)** No error
**(d)** My research focus on

**Q82.** Select the appropriate antonym for the underlined word.

It was a very generous and jolly voice.

**(a)** morose
**(b)** tabular
**(c)** festive
**(d)** witty

**Q83.** Choose the word that can substitute the given group of words.

One who has lost one’s parents

**(a)** Recluse
**(b)** Martyr
**(c)** Orphan
**(d)** Snob

**Q84.** Choose the sentence with no spelling error.

**(a)** It is not even a consciuos process.
**(b)** It is not even a concious process.
**(c)** It is not even a conscious proccess.
**(d)** It is not even a conscious process.

**Q85.** A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

I am not sure _____ wearing this black dress.

**(a)** with
**(b)** in
**(c)** about

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**(d)** off

**Directions**

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 number.

(1) _____ people think that we can learn a lot about the culture of a foreign country (2) ____ by living in that country. However, this is not necessarily true. Often, the longer we stay in a (3) ____ country, the more we realize how little we actually know about the culture of that country. Books and talks about other people's (4) ____ can even be dangerous because they concentrate on cultural differences and (5) _____ national character, and sometimes a lot of information they contain is untrue.

**Q86.** Select the most appropriate option to fill in blank number 1.

**(a)** Many
**(b)** Few
**(c)** Every
**(d)** Each

**Q87.** Select the most appropriate option to fill in blank number 2.

**(a)** precisely
**(b)** directly
**(c)** formally
**(d)** simply

**Q88.** Select the most appropriate option to fill in blank number 3.

**(a)** benign
**(b)** foreign
**(c)** sovereign
**(d)** reign

**Q89.** Select the most appropriate option to fill in blank number 4.

**(a)** conjecture
**(b)** caricature
**(c)** stature
**(d)** culture

**Q90.** Select the most appropriate option to fill in blank number 5.

**(a)** considerate
**(b)** exaggerate
**(c)** proliferate
**(d)** concentrate

## ANSWER KEY

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | a | 2 | a | 3 | a | 4 | a | 5 | a | 6 | a | 7 | a | 8 | a | 9 | a | 10 | a |
| 11 | a | 12 | a | 13 | a | 14 | a | 15 | a | 16 | a | 17 | a | 18 | a | 19 | a | 20 | a |
| 21 | a | 22 | a | 23 | a | 24 | a | 25 | a | 26 | a | 27 | a | 28 | a | 29 | a | 30 | a |
| 31 | a | 32 | a | 33 | a | 34 | a | 35 | a | 36 | a | 37 | a | 38 | a | 39 | a | 40 | a |
| 41 | a | 42 | a | 43 | a | 44 | a | 45 | a | 46 | a | 47 | a | 48 | a | 49 | a | 50 | a |
| 51 | a | 52 | a | 53 | a | 54 | a | 55 | a | 56 | a | 57 | a | 58 | a | 59 | a | 60 | a |
| 61 | a | 62 | a | 63 | a | 64 | a | 65 | a | 66 | a | 67 | a | 68 | a | 69 | a | 70 | a |
| 71 | a | 72 | a | 73 | a | 74 | a | 75 | a | 76 | a | 77 | a | 78 | a | 79 | a | 80 | a |
| 81 | a | 82 | a | 83 | a | 84 | a | 85 | a | 86 | a | 87 | a | 88 | a | 89 | a | 90 | a |

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