# SSC MTS (2022) Official Paper (Held On: 02 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.

yourmocktest.com/pyq/ssc-mts/ssc-mts-2022-official-paper-held-on-02-may-2023-shift-3-previo…

Scan the QR code or click the link to open it.

## SESSION 1

**Q1.** A1 alone can do a work in 12 days and A2 alone can do the same work in 15 days. With help of A3, they finish the same work in 5 days. In how many days A3 alone can do the same work ?

**(a)** 16 days
**(b)** 20 days
**(c)** 24 days
**(d)** 27 days

**Q2.** Mahesh. Suresh and Raju together can complete a work in 18 days. Mahesh and Suresh together can complete the same work in 72 days. Raju alone can finish the same work in how many days?

**(a)** 21 days
**(b)** 24 days
**(c)** 34 days
**(d)** 18 days

**Q3.** What will be the length of longest diagonal of the cuboid having length 13 cm width 11 cm and height 20 cm?

**(a)** 23.45 cm
**(b)** 26.27 cm
**(c)** 34.65 cm
**(d)** 22.65 cm

**Q4.** What is the average of the first four multiples of 6?

**(a)** 25
**(b)** 14
**(c)** 20
**(d)** 15

**Q5.** What will be the HCF of the following set of numbers: 30, 45, 150, ?

**(a)** 16
**(b)** 15
**(c)** 30
**(d)** 20

**Q6.** The number of hours, spent by a child on different activities in a working day, is given in the table. How much percent of time did he spent in sleep?

| Activities | Number of hours |
|---|---|
| School | 8 |
| Play | 3 |
| Sleep | 8 |

| | |
|---|---|
| Eat | 2 |
| Music | 3 |
| Total | 24 |

**(a)** 48.11%
**(b)** 33.33%
**(c)** 37.22%
**(d)** 41.12%

**Q7.** A sum of Rs. 2000 will become Rs. 2400 in 12 months at some rate of simple interest. Find the rate of interest per annum.

**(a)** 25%
**(b)** 20%
**(c)** 40%
**(d)** 45%

**Q8.** A shopkeeper earns 20% profit on his goods. He lost 20% of his goods during a theft. What is his profit or loss percent?

**(a)** 4% loss
**(b)** 4% gain
**(c)** 6% gain
**(d)** 6% loss

**Q9.** What is the value of 1/2 of 16/5+1/8 of 24/9 × 18/12-5/8 ?

**(a)** 51/40
**(b)** 68/39
**(c)** 59/40
**(d)** 61/50

**Q10.** What will be the LCM of 37, 41?

**(a)** 1517
**(b)** 1761
**(c)** 1254
**(d)** 1765

**Q11.** The ratio of the outer and the inner circumference of a circular path is 17 : 15. If path is 40 metres wide, then what is the radius of the inner circle?

**(a)** 280 metres
**(b)** 340 metres
**(c)** 360 metres
**(d)** 300 metres

**Q12.** If A : B = 3 : 2, B : C = 7 : 5 and C : D = 10 : 3, then what is A : D equal to?

**(a)** 7 : 1
**(b)** 1 : 7
**(c)** 4 : 3
**(d)** 3 : 4

**Q13.** Find compound interest on Rs. 8000 at 15% per annum for 2 years, compounded annually.

**(a)** Rs. 2580.00
**(b)** Rs. 6345.51
**(c)** Rs. 2778.81
**(d)** Rs. 26548.81

YourMockTest.com — Free Study Material

**Q14.** Manny bought an AC for Rs. 12000 and paid Rs. 400 for transportation. Then he sold it for Rs. 14000. Find his profit %.

**(a)** 12.90%
**(b)** 13.1%
**(c)** 13%
**(d)** 12.80%

**Q15.** Rs. 1800 is divided among A and B in the ratio of 2 : 3 respectively. What is the share of A?

**(a)** Rs. 840
**(b)** Rs. 900
**(c)** Rs. 780
**(d)** Rs. 720

**Q16.** Anita scored 36 marks out of 120 but later her teacher increased 6 marks for her. What will be the increase in her percentage?

**(a)** 6%
**(b)** 10%
**(c)** 8%
**(d)** 5%

**Q17.** Working 12 hours per day. Raj can complete a work in 12 days. How many hours per day he should work so as to finish the same work in 9 days?

**(a)** 20 hours
**(b)** 24 hours
**(c)** 12 hours
**(d)** 16 hours

**Q18.** A car has to cover a distance of 288 km in 20 hours. If it covers half of the journey in 1/5^(th) of the time, find the speed to cover the remaining distance in the time left.

**(a)** 6 km/hr
**(b)** 7 km/hr
**(c)** 9 km/hr
**(d)** 8 km/hr

**Q19.** The radius of a right circular cylinder is thrice of its height. If the height of the cylinder is 3.5 cm, then what is the volume of cylinder?

**(a)** 1124.25 $cm^3$
**(b)** 1324.75 $cm^3$
**(c)** 1468.25 $cm^3$
**(d)** 1212.75 $cm^3$

**Q20.** The cost price of the box of pens is Rs. 400. The shopkeeper gave 10% of discount on the cost price. What will be the selling price?

**(a)** Rs. 300
**(b)** Rs. 360
**(c)** Rs. 350
**(d)** Rs. 380

**Q21.** 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)

(14, 20, 26)

(22, 28, 34)

YourMockTest.com — Free Study Material

**(a)** (32, 38, 44)
**(b)** (4, 6, 11)
**(c)** (25, 30, 44)
**(d)** (10, 20, 24)

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

AJM : KHY :: ? : TBC :: PKS : QIN

**(a)** EDU
**(b)** FDV
**(c)** EDV
**(d)** FCU

**Q23.** 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 R are M.

II. Some S are R.

Conclusion:

I. Some R are S.

II. Some M are not R.

III. Some R are M.

**(a)** Only conclusion II follows
**(b)** Both conclusions I and III follows
**(c)** All conclusion follows
**(d)** Both conclusion I and II follows

**Q24.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

MOG, OMI, QKK, SIM, ?

**(a)** VGO
**(b)** UHO
**(c)** UGO
**(d)** VHO

**Q25.** 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 J is K.

II. Some K are L.

Conclusion:

I. Some K are not J.

II. Some L are not J.

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

YourMockTest.com — Free Study Material

**Q26.** Number of wickets taken by six bowlers Anil, Kamal, Laxman, Mohan, Bittu and Rahul are compared. Number of wickets taken by Kamal are more than only the number of wickets taken by Anil. Number of wickets taken by Bittu are less than only two bowlers. Number of wickets taken by Mohan are not more than Bittu. Who among the following has taken more wickets than Bittu?

**(a)** Rahul
**(b)** Kamal
**(c)** Anil
**(d)** Mohan

**Q27.** In a certain code language, 'MEDIUM' is coded as "LDCGSK. What is the code for 'PREFER' in that code language?

**(a)** OQDDCP
**(b)** OQCDDP
**(c)** OQDDBQ
**(d)** OQDDDP

**Q28.** After interchanging the given two numbers, what will be the value of the given equation?

6 and 2 ; 9 ÷ 2 × 6 + 5 - 1

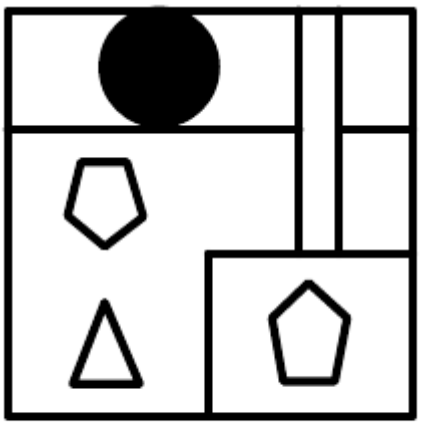
**(a)** 13
**(b)** 7
**(c)** 5
**(d)** 9

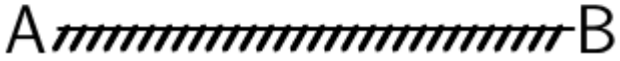
**Q29.** In the following question, select the missing number of the given series.

94, 105, 92, 107, 90, ?

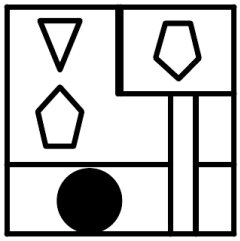
**(a)** 115
**(b)** 110
**(c)** 122
**(d)** 109

**Q30.** 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?

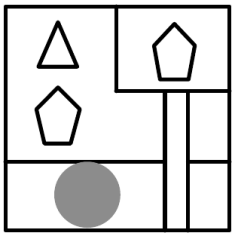




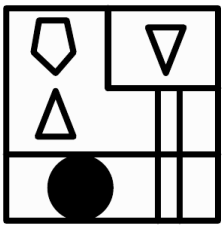

**(a)**



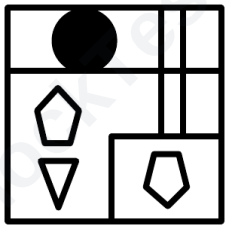
**(b)**



**(c)**



**(d)**



**Q31.** Eight boys Anil, Kamal, Ram, Sanjay, Aakash, Vivek, Rahul and Ramu are sitting around a circular table facing towards the centre (not necessarily in the same order). Vivek is second to the right of Anil. Anil is fourth to the right of Ramu. Sanjay is third to the right of Ram. Ram is not the immediate neighbour of Vivek or Kamal. Ramu is not the immediate neighbour of Rahul.

Who is the immediate neighbour of Anil and Ram?

**(a)** Vivek
**(b)** Sanjay
**(c)** Rahul
**(d)** Ramu

**Q32.** Eight boys Anil, Kamal, Ram, Sanjay, Aakash, Vivek, Rahul and Ramu are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Ramu is not the immediate neighbour of Aakash or Sanjay. Ramu is to immediate right of Anil. Rahul is the immediate neighbour of Aakash. Vivek is to immediate left of Kamal. Ram is the immediate neighbour of both Aakash and Vivek. Who is sitting third to the left of Sanjay?

**(a)** Ram
**(b)** Rahul
**(c)** Vivek
**(d)** Aakash

**Q33.** In a certain code language, 'FAN' is written as '21'. How will 'TORCH' be written in that language?

**(a)** 64
**(b)** 74
**(c)** 53
**(d)** 23

**Q34.** By Interchanging the given two numbers (not digits) which of the following equation will be not correct?

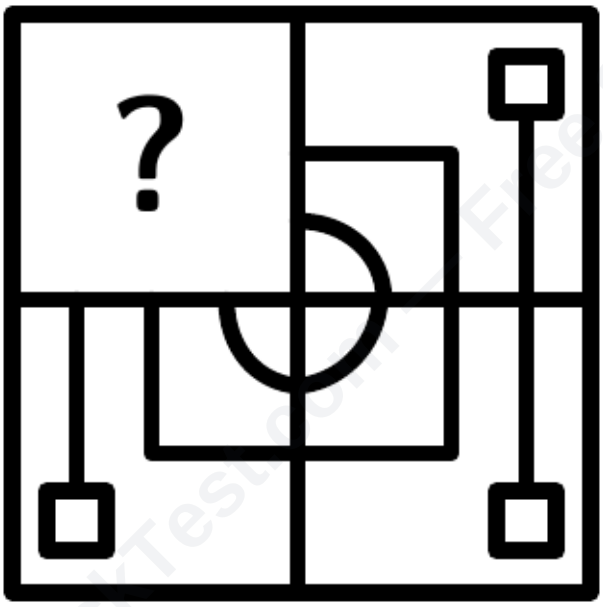
5 and 6

**(a)** $6 \times 8 - 5 \times 4 = 16$
**(b)** $5 \times 2 - 4 + 6 = 13$

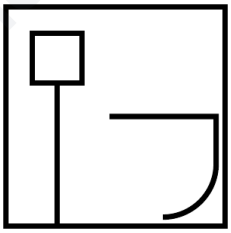
YourMockTest.com — Free Study Material

**(c)** 5 - 3 × 6 + 4 = -3
**(d)** 6 - 5 + 2 = 1

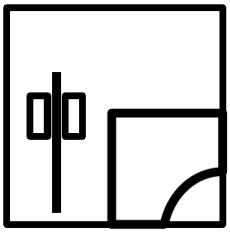
**Q35.** Which answer figure will complete the pattern in the question figure?



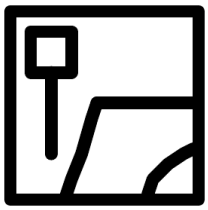

**(a)**



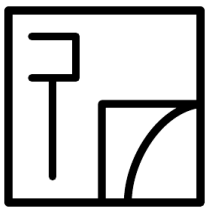
**(b)**



**(c)**



**(d)**



YourMockTest.com - Free Study Material

**Q36.** In the following question, select the missing number of the given series.

50, 39, 27, 14, 0, ?

**(a)** -10
**(b)** -8
**(c)** -15
**(d)** -14

**Q37.** Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term is related to third term.

TOP : ZIW :: PAM : VUT :: SQB : ?

**(a)** ZKI
**(b)** YKJ
**(c)** YKI
**(d)** XKI

**Q38.** In a certain code language, 'GLOBE' is coded as '40', 'GRASS' is coded as '63'. What is the code for 'HANDY' in that code language?

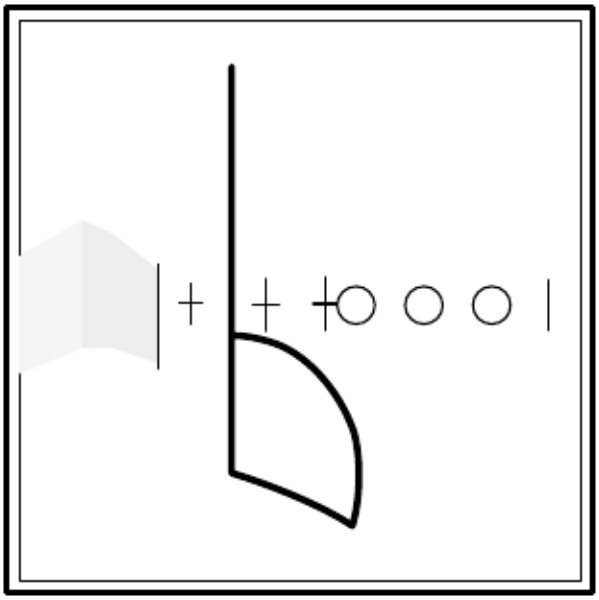
**(a)** 52
**(b)** 49
**(c)** 51
**(d)** 50

**Q39.** Select the option that is related to the fifth number in the same way as the second number is related to the first number and fourth number is related to third number.

11 : 122 :: 14 : 197 :: 18 : ?

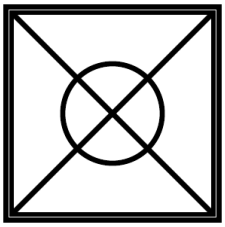
**(a)** 328
**(b)** 317
**(c)** 325
**(d)** 320

**Q40.** Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

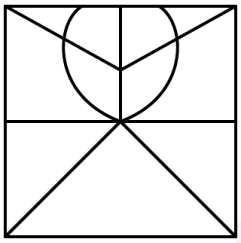


YourMockTest.com — Free Study Material

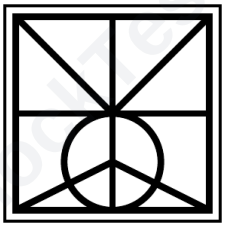
**(a)**



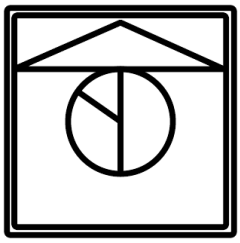
**(b)**



**(c)**



**(d)**



## SESSION 2

**Q41.** Pommel Horse, Roman Rings, Vaulting Table are few term which are related to _____.

**(a)** Gymnastics
**(b)** Swimming
**(c)** Riding
**(d)** Polo

**Q42.** 'The Zoya Factor' is a novel written by _____.

**(a)** Rajashree
**(b)** Jerry Pinto
**(c)** Suketu Mehta
**(d)** Anuja Chauhan

**Q43.** Hornbill festival is celebrated in which of the following states?

**(a)** Nagaland
**(b)** Ladakh
**(c)** Rajasthan
**(d)** Tamil Nadu

YourMockTest.com — Free Study Material

**Q44.** Which of the following articles of the Indian constitution is related to "Uniform civil code for the citizen"?

**(a)** Article 44
**(b)** Article 42
**(c)** Article 41
**(d)** Article 43

**Q45.** Which are the most widespread forests in India?

**(a)** Montane forest
**(b)** Mangrove Forests
**(c)** Tropical Evergreen Forests
**(d)** Tropical Deciduous Forests

**Q46.** Nepal, a neighbouring country of India, is located to the _____ of India

**(a)** East
**(b)** North
**(c)** South
**(d)** West

**Q47.** Mrinalini Sarabhai who received 'Padma Shri' in the year 1965 was a recognized _____ dancer.

**(a)** Odissi
**(b)** Manipuri
**(c)** Kuchipudi
**(d)** Bharatanatyam

**Q48.** Which of the following is NOT an example of Millets or coarse grains?

**(a)** Jowar
**(b)** Ragi
**(c)** Wheat
**(d)** Bajra

**Q49.** In Table Tennis, the length of upper surface of the table is _____.

**(a)** 264 cm
**(b)** 780 cm
**(c)** 274 cm
**(d)** 270 cm

**Q50.** Sultan Mahmud of Ghazni, raided which famous Indian temple?

**(a)** Somnath Temple, Gujarat
**(b)** Jagannath puri Temple, Odisha
**(c)** Yamunotri Temple, Uttarakhand
**(d)** Lingraj Temple, Odisha

**Q51.** Wood's dispatch sent by the Court of Directors of the East India Company in 1854 was related to _____.

**(a)** Famine
**(b)** Military
**(c)** Textiles
**(d)** Education

**Q52.** In India, National Voters' Day is celebrated on _____.

**(a)** 26 March
**(b)** 24 February
**(c)** 27 December
**(d)** 25 January

YourMockTest.com — Free Study Material

**Q53.** In June 2022, Reserve Bank of India (RBI) has released a report titled _____.

**(a)** Digital Currency Vision 2030
**(b)** Payments Vision 2025
**(c)** Digital Currency Vision 2025
**(d)** Payments Vision 2030

**Q54.** Giorgia Meloni recently become first Woman Prime Minister of which country?

**(a)** Austria
**(b)** Italy
**(c)** Spain
**(d)** Ukraine

**Q55.** Lucknow Pact was signed between _____.

**(a)** the Muslim League and Mahatma Gandhi
**(b)** the Indian National Congress and Arya Samaj
**(c)** the Indian National Congress and the Muslim League
**(d)** the Indian National Congress and Sayyid Ahmed Khan

**Q56.** Identify the Indian music personality.

Under him the shehnai came out of its ceremonial context and began to be acknowledged as a classical music instrument.

**(a)** Alla Rakha
**(b)** Ustad Bismillah Khan
**(c)** Pandit Ram Narayan
**(d)** Ustad Bundu Khan

**Q57.** An image which can be obtained on a screen is called a _____.

**(a)** vector image
**(b)** virtual image
**(c)** real image
**(d)** spectral image

**Q58.** In biology, the term "IVF" stands for _____.

**(a)** In vitro fragmentation
**(b)** In vitro fertilization
**(c)** Internal venom frosting
**(d)** Internal vitro fragmentation

**Q59.** The leaves have a green pigment called _____, which helps leaves to capture the energy from the sunlight.

**(a)** Cladophyll
**(b)** Chlorophyll
**(c)** Xanthophyll
**(d)** Cytoplasm

**Q60.** Bhoota Kola, a spirit worship ritual dance is of which state?

**(a)** Andhra Pradesh
**(b)** Tamil Nadu
**(c)** Kerala
**(d)** Karnataka

**Q61.** As the river enters the plain it get twists and turns forming large bends known as _____.

**(a)** ox-bow
**(b)** levees
**(c)** meanders
**(d)** stack

YourMockTest.com — Free Study Material

**Q62.** "Arthashastra" was written by _____.

**(a)** Vishnu Sharma
**(b)** Kalidasa
**(c)** Chandragupta
**(d)** Chanakya

**Q63.** The population of a nation in working age group is generally grouped between _____.

**(a)** 18 - 62 years
**(b)** 16 - 60 years
**(c)** 15 - 59 years
**(d)** 14 - 58 years

**Q64.** For a bank, the main liability is the _____.

**(a)** deposits
**(b)** economic rent
**(c)** assets
**(d)** loans

**Q65.** Which Mughal Emperor has attempted to vandalise the Kailash Temple at Ellora?

**(a)** Aurangzeb
**(b)** Humayun
**(c)** Shah Jahan
**(d)** Babur

**Q66.** Select the most appropriate option to fill in the blank.

The last man standing was _____ a fully paid vacation to Las Vegas.

**(a)** appreciated
**(b)** discarded
**(c)** rewarded
**(d)** allotted

**Q67.** Choose the word that means the same as the given word.

Ulterior

**(a)** Anterior
**(b)** Prior
**(c)** Ancient
**(d)** Eventual

**Q68.** Select the appropriate synonym for the underlined word.

You were mad at me for having the same ability as you.

**(a)** Feature
**(b)** Inefficacy
**(c)** Skill
**(d)** Flexibility

**Q69.** In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

A bed of nails

**(a)** A problematic or uncomfortable situation
**(b)** A quick and automatic response
**(c)** A person with no moral ethics
**(d)** A fiercely contested fight or dispute

YourMockTest.com — Free Study Material

**Q70.** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Where can I find a good Chinese restaurant about here?

**(a)** Where can I find
**(b)** a good Chinese
**(c)** restaurant about here?
**(d)** No error

**Q71.** Select the appropriate antonym for the underlined word.

I need to spend some time fixing the disorder of my bookshelves.

**(a)** Condition
**(b)** Chaos
**(c)** Regulate
**(d)** Plague

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

Beat about the bush

**(a)** Play tricks with someone
**(b)** Avoid talking about the main topic
**(c)** Divide something into many parts
**(d)** To plan an ambush

**Q73.** Choose the incorrectly spelt word.

**(a)** Barely
**(b)** Boldly
**(c)** Lastly
**(d)** Happilly

**Q74.** Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

I had to got up early, so I have been in a daze all morning.

**(a)** had to get up
**(b)** No improvement
**(c)** have to got in
**(d)** has to get on

**Q75.** Choose the word that can substitute the given group of words.

The art of cutting gems

**(a)** Jewelry
**(b)** Philately
**(c)** Mining
**(d)** Lapidary

**Q76.** Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

You'll have to brakes hard when you go down the hill.

**(a)** brake hardly
**(b)** braked hard
**(c)** No improvement
**(d)** brake hard

YourMockTest.com — Free Study Material

**Q77.** Select the wrongly spelt word.

**(a)** Declivity
**(b)** Decorous
**(c)** Cosmopolitan
**(d)** Copous

**Q78.** A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

It's _____ for someone to buy a product that contains no sugar.

**(a)** easier
**(b)** easiest
**(c)** easily
**(d)** ease

**Q79.** Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

At the grocery store, coffee is in an same aisles as tea.

**(a)** a same aisles as
**(b)** the same aisle as
**(c)** same aisle is
**(d)** No improvement

**Q80.** Choose the word that is opposite in meaning to the given word.

Abridge

**(a)** Taper
**(b)** Fortify
**(c)** Syncopate
**(d)** Elongate

**Q81.** Choose the word that can substitute the given group of words.

The sound made by frogs

**(a)** Trumpet
**(b)** Moo
**(c)** Croak
**(d)** Roar

**Q82.** Direction: Select the most appropriate option to fill in the blank.

She reduced the volume because the _____ music was becoming too much for her.

**(a)** concede
**(b)** content
**(c)** constant
**(d)** competent

**Q83.** A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

He was stable _____ they met.

**(a)** while
**(b)** when
**(c)** hence
**(d)** lest

**Q84.** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error.

Factoring is, of course, different from and superior than bill discounting, from the point of view of a small company.

**(a)** bill discounting, from the point of
**(b)** No error
**(c)** Factoring is, of course, different from and superior than

YourMockTest.com — Free Study Material

**(d)** view of a small company.

**Q85.** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Companies will go after one other in their marketing campaigns.

**(a)** their marketing campaigns.
**(b)** after one other in
**(c)** Companies will go
**(d)** No error

**Directions**

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

In Switzerland these glacial meltwaters are (1) _____ for hydropower. In fact, water falling on 93% of Switzerland ultimately passes (2) _____ at least one electric power plant before even (3) _____ the country. So one consequence is that melting glaciers help to (4) _____ for low rainfall in times of drought, filling reservoirs to supply the nation's (5) _____ supply.

**Q86.** Select the most appropriate option to fill in the blank No. 1.

**(a)** chosen
**(b)** plotted
**(c)** glued
**(d)** used

**Q87.** Select the most appropriate option to fill in the blank No. 2.

**(a)** for
**(b)** with
**(c)** through
**(d)** beneath

**Q88.** Select the most appropriate option to fill in the blank No. 3.

**(a)** throwing
**(b)** catching
**(c)** sieving
**(d)** leaving

**Q89.** Select the most appropriate option to fill in the blank No. 4.

**(a)** compensate
**(b)** surrender
**(c)** slate
**(d)** stall

**Q90.** Select the most appropriate option to fill in the blank No. 5.

**(a)** stage
**(b)** energy
**(c)** cooking
**(d)** air

## 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 |

YourMockTest.com — Free Study Material

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |

More previous year papers and mock tests: **www.yourmocktest.com/pyq**

YourMockTest.com — Free Study Material