Question Paper Preview

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name:	LOWER DIVISION CLERK 18th Feb 2018 shift 2
Subject Name:	LOWER DIVISION CLERK
Creation Date:	2018-02-18 18:34:49
Duration:	120
Total Marks:	100
Display Marks:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No

LOWER DIVISION CLERK

Group Number :	1
Group Id :	36752341
Group Maximum Duration :	0
Group Minimum Duration :	120
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	100

Static Current Affairs & General Knowledge

Section Id :	367523137
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	367523155
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 3675233550 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'Bench Press' is associated with which of the following game/sports?

Options :

1. ✖ Archery

2. ✖ Wrestling

3. ✔ Weightlifting

4. ✖ Baseball

Question Number : 2 Question Id : 3675233551 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who wrote the novel 'White Tiger', which won the Booker Prize in 2008?

Options :

1. ✖ Amitav Ghosh

2. ✖ Arundhati Roy

3. ✔ Aravind Adiga

4. ✖ Vikram Seth

Question Number : 3 Question Id : 3675233552 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who among the following is a famous Sarod player of India?

Options :

1. ✖ Nusrat Fateh Ali Khan

2. ✔ Amjad Ali Khan

3. ✖ Shiv Kumar Sharma

4. ✖ Hari Prasad Chaurasia

Question Number : 4 Question Id : 3675233553 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The 'Loktak Power Station' is located in which state?

Options :

1. ✖ Mizoram

2. ✔ Manipur

3. ✖ Arunachal Pradesh

4. ✖ Tripura

Question Number : 5 Question Id : 3675233554 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which is believed to be the only floating national park in the world?

Options :

1. ✖ Kishtwar National Park

2. ✖ Khangchendzonga National Park

3. ✔ Keibul Lamjao National Park

4. ✖ Khirganga National Park

Question Number : 6 Question Id : 3675233555 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Life Insurance Corporation (LIC) of India was established in which year?

Options :

1. ✖ 1952

2. ✖ 1954

3. ✔ 1956

4. ✖ 1958

Question Number : 7 Question Id : 3675233556 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which Five Year Plan recognised human development as the core of all developmental efforts?

Options :

1. ✖ 5th Year Plan

2. ✖ 7th Year Plan

3. ✔ 8th Five Year Plan

4. ✖ 9th Year Plan

Question Number : 8 Question Id : 3675233557 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Who developed the first ever vaccine?

Options :

1. ✖ Louis Pasteur

2. ✔ Edward Jenner

3. ✖ Thomas Martin

4. ✖ Alexander Fleming

Question Number : 9 Question Id : 3675233558 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

What is the chemical name of 'Alum'?

Options :

1. ✖ Aluminum chloride

2. ✖ Aluminum iodide

3. ✔ Aluminum sulphate

4. ✖ Aluminum nitrate

Question Number : 10 Question Id : 3675233559 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

'Neon Lamp' was invented by which scientist?

Options :

1. ✔ Georges Claude

2. ✖ Thomas Alva Edison

3. ✖ Humphrey Davy

4. ✖ J.S. Fleming

Question Number : 11 Question Id : 3675233560 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Where is the headquarters of the World Health Organisation located?

Options :

1. ✖ New York

2. ✖ Madrid

3. ✔ Geneva

4. ✖ Vienna

Question Number : 12 Question Id : 3675233561 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who was the first General Secretary of the United Nations?

Options :

1. ✖ Kurt Waldheim

2. ✖ Dag Hammarskjold

3. ✖ U Thant

4. ✔ Trygve Lie

Question Number : 13 Question Id : 3675233562 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Ustad Mansur was a famous painter during the reign of which Mughal emperor?

Options :

1. ✖ Humayun

2. ✖ Akbar

3. ✔ Jahangir

4. ✘ Shah Jahan

Question Number : 14 Question Id : 3675233563 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Who was the first Muslim President of the Indian National Congress?

Options :

1. ✘ Rahimtulla M. Sayani

2. ✔ Badruddin Tyabji

3. ✘ Nawab Syed Muhammad Bahadur

4. ✘ Syed Hasan Imam

Question Number : 15 Question Id : 3675233564 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Who among the following is the first woman judge of the Supreme Court of India?

Options :

1. ✘ Sujata V Manohar

2. ✔ Fathima Beevi

3. ✘ R Banumathi

4. ✘ Ruma Pal

Question Number : 16 Question Id : 3675233565 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Who among the following is the first Indian Prime Minister to resign from office?

Options :

1. ✔ Morarji Desai

2. ✘ VP Singh

3. ✘ Atal Bihari Vajpayee

4. ✖ IK Gujral

Question Number : 17 Question Id : 3675233566 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The _____ Amendment of the Indian Constitution is related to provisions against political defections.

Options :

1. ✖ 46th

2. ✖ 50th

3. ✔ 52nd

4. ✖ 54th

Question Number : 18 Question Id : 3675233567 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

To provide free & compulsory education to every child from 6-14 years of age was made a fundamental right by which Amendment of the Indian Constitution?

Options :

1. ✖ 84th Amendment

2. ✔ 86th Amendment

3. ✖ 89th Amendment

4. ✖ 95th Amendment

Question Number : 19 Question Id : 3675233568 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who holds the record of scoring the highest runs in a test cricket innings?

Options :

1. ✖ Matthew Hayden

2. ✖ DPMD Jayawardene

3. ✔ Brian Lara

4. ✖ G.S. Sobers

Question Number : 20 Question Id : 3675233569 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who was the first Indian to reach the semi-final in Wimbledon Tennis Championship?

Options :

1. ✖ Vijay Amritraj

2. ✖ Ramesh Krishnan

3. ✖ Mahesh Bhupathi

4. ✔ Ramanathan Krishnan

Basic Computer Knowledge

Section Id :	367523138
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	10
Number of Questions to be attempted:	10
Section Marks:	10
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	367523156
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 3675233570 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Mutex is very similar to:

Options :

1. ✖ Exclusive Semaphores

2. ✖ Locking Semaphores

3. ✔ Binary Semaphores

4. ✖ Binding Semaphores

Question Number : 22 Question Id : 3675233571 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

As per FIFO Page Replacement Algorithm, what action is taken when a page has to be replaced?

Options :

1. ✔ Oldest page is chosen

2. ✖ Newest page is chosen

3. ✖ Page is chosen according to priority

4. ✖ Random page is chosen

Question Number : 23 Question Id : 3675233572 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Four jobs to be executed on a single processor system arrive at time 0 in the order A, B, C, D. Their burst CPU time requirements are 4, 1, 8 and 1 time units, respectively. The completion time of A under round robin scheduling with time slice of one time unit is:

Options :

1. ✖ 11

2. ✖ 4

3. ✖ 8

4. ✔ 9

Question Number : 24 Question Id : 3675233573 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In which of the following writes is data stored in cache?

Options :

1. ✖ Isochronous

2. ✖ Irregular

3. ✖ Regular

4. ✔ Asynchronous

**Question Number : 25 Question Id : 3675233574 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

What is the cache hit ratio, if memory access takes 20 ns with cache and 110 ns without it (cache uses a 10 ns memory)?

Options :

1. ✔ 90%

2. ✖ 98%

3. ✖ 92%

4. ✖ 88%

**Question Number : 26 Question Id : 3675233575 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

Data cannot be rewritten in:

Options :

1. ✖ DRAM

2. ✖ SRAM

3. ✖ EEPROM

4. ✔ Mask ROM

**Question Number : 27 Question Id : 3675233576 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

An Intel processor uses a cache block size of 128 bytes and a memory transfer to cache is about 10 times the access
time of cache memory. With cache hit ratio of 0.97, what percent will be the effective memory access to that of access
time of memory?

Options :

1. ✖ 10

2. ✖ 20

3. ✖ 30

4. ✔ 40

Question Number : 28 Question Id : 3675233577 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In Inter Process Communication, Indirect Communication uses:

Options :

1. ✖ Counter variables

2. ✔ Mailboxes

3. ✖ Logs

4. ✖ Records as Array

Question Number : 29 Question Id : 3675233578 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

_____ is used for one-way communication in Inter Process Communication.

Options :

1. ✔ Socket

2. ✖ Pipe

3. ✖ Link

4. ✖ Semaphores

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Question Number : 30 Question Id : 3675233579 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Round Robin Scheduling is most suitable for _____.

Options :

1. ✖ Batch OS

2. ✖ Hard RTOS

3. ✖ Soft RTOS

4. ✔ Time Sharing OS

Logical Reasoning

Question Number : 31 Question Id : 3675233580 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which word CANNOT be formed using letters of the given word only as many times as each letter appears in the word?

N E O L I T H I C

Options :

1. ✔ CLEAN

2. ✖ THIN

3. ✖ LITCHI

4. ✖ ECHO

Question Number : 32 Question Id : 3675233581 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the pair of words from the given options that shares the same relationship as the word pair below does.

Kind : Cruel

Options :

1. ✖ Brave : Daring

2. ✔ Calm : Agitated

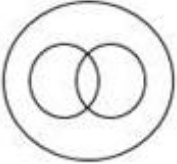3. ✖ Lonely : Desolate

4. ✖ Popular : Beloved

Question Number : 33 Question Id : 3675233582 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Three out of the four words given in the options are similar in a certain way and one is different. Select the option that is different from the others.

Options :

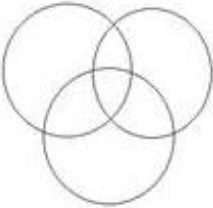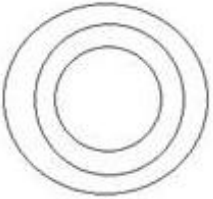1. ✖ Guitar

2. ✖ Sitar

3. ✔ Flute

4. ✖ Violin

Question Number : 34 Question Id : 3675233583 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the diagram that best represents the relationship among the classes given below.

Rockets, Cars, Ships

Options :
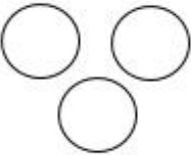
1. ✖

2. ✖

3. ✖

4. ✔

Question Number : 35 Question Id : 3675233584 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Three out of the four words given in the options are similar in a certain way and one is different. Select the option that is different from the others.

Options :

1. ✗ Gorillas

2. ✗ Chimpanzees

3. ✔ Primates

4. ✗ Gibbons

Question Number : 36 Question Id : 3675233585 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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

Spider : Web : : Lion : ?

Options :

1. ✔ Den

2. ✗ Sty

3. ✗ Kennel

4. ✗ Lodge

Question Number : 37 Question Id : 3675233586 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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

Car : Chauffeur : : Aeroplane : ?

Options :

1. ✗ Crew

2. ✔ Pilot

3. ✗ Sailor

4. ✗ Lieutenant

Question Number : 38 Question Id : 3675233587 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In a code language, GEOGRAPHY is coded as HFPHRZOGX. How will CHEMISTRY be coded in that language?

Options :

1. ✖ DIFINSRSZ

2. ✖ DIDNIESPX

3. ✔ DIFNIRSQX

4. ✖ DIDINRSQX

Question Number : 39 Question Id : 3675233588 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In a code language, 'bird' is coded as 'kao'; 'cow' is coded as 'mao'; 'song' is coded as 'gao'; and 'bath' is coded as 'nao'. Which of the following will live in a nest?

Options :

1. ✖ nao

2. ✖ gao

3. ✖ mao

4. ✔ kao

Question Number : 40 Question Id : 3675233589 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If fruit is called leaf, leaf is called root, root is called bud, and bud is called branch, which of the following will grow underground and hold the tree firmly?

Options :

1. ✖ Leaf

2. ✖ Fruit

3. ✔ Bud

4. ✖ Branch

Question Number : 41 Question Id : 3675233590 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Paramjeet rides a bike to his college. First, he goes straight for 3 km. Then he turns right and goes 6 km. Finally, he turns right and goes for another 3 km and reaches his college. In which direction is Paramjeet's home with respect to his college, if he started his journey facing West?

Options :

1. ✔ South

2. ✘ West

3. ✘ North

4. ✘ East

Question Number : 42 Question Id : 3675233591 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Pamela runs every morning. First she goes to the park taking a longer route and returns home using the shortest route. She starts her run facing East and runs for 8 km straight from her home. Then turning right, she runs 15 km to reach the park. What is the shortest distance (short cut) from the park to Pamela's home?

Options :

1. ✘ 23 km

2. ✘ 12.5 km

3. ✔ 17 km

4. ✘ 15 km

Question Number : 43 Question Id : 3675233592 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

An address is given below which has been reproduced against the four alternatives. Of them, three have some mistakes or the other, while one is exactly the same. Select the option that is exactly the same as the given address.

Sh. Seva Ram Mandal,
Registrar, Apratim University,
Chhatra Marg,
Forbesgunj,
Bihar - 854318

Options :

1. ✔ Sh. Seva Ram Mandal,
Registrar, Apratim University,
Chhatra Marg,
Forbesgunj,
Bihar - 854318

Sh. Sewa Ram Mandal,
Registrar, Apartim University,
Chhatra Marg,
Forbesgunj,

2. ✖ Bihar - 854318

Sh. Seva Ram Mondal,
Register, Apratim University,
Chhatra Marg,
Forbesgunj,

3. ✖ Bihar - 854318

Sh. Seva Ram Mandal,
Registrar, Apratim University,
Chhatr Marg,
Forbisgunj,

4. ✖ Bihar - 854818

Question Number : 44 Question Id : 3675233593 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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

egik : ffjj : : kmoq : ?

Options :

1. ✖ jlnp

2. ✖ nnll

3. ✖ lnpr

4. ✔ llpp

Question Number : 45 Question Id : 3675233594 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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

FILO : RUXA : : BEHK : ?

Options :

1. ✖ MOSU

2. ✖ MOST

3. ✖ NOST

4. ✔ NQTW

Question Number : 46 Question Id : 3675233595 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Shanti's brother Sunag has two sisters. He also has two nieces — Preeti and Mamta. Mamta is Ganga's only daughter. How is Preeti related to Shanti?

Options :

1. ✔ Daughter

2. ✖ Cousin

3. ✖ Niece

4. ✖ Sister

Question Number : 47 Question Id : 3675233596 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Pointing to a girl's photo, Gurmeet, who is the only child of his parents, said, "Her child is my wife's only granddaughter." How is Gurmeet related to the girl in the photograph?

Options :

1. ✔ Father

2. ✖ Brother

3. ✖ Grandfather

4. ✖ Uncle

Question Number : 48 Question Id : 3675233597 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In a running race, Jaya ran faster than Sheetal. Veena ran faster than Neha. Deepak ran faster than Neha but not as fast as Sheetal. Sheetal ran slower than Veena. Who among the given friends came second last in the race?

Options :

1. ✖ Veena

2. ✖ Sheetal

3. ✖ Neha

4. ✔ Deepak

Question Number : 49 Question Id : 3675233598 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In a quiz competition, Ashok got 72 points. Binod got 9 points more than Ashok but 7 points less than Deepak. Gaurav got 5 points less than Hanif, and 6 points more than Deepak. Who won the quiz competition?

Options :

1. ✖ Gaurav

2. ✔ Hanif

3. ✖ Deepak

4. ✖ Binod

Question Number : 50 Question Id : 3675233599 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Five friends, Rudra, Adya, Prabhu, Chaitanya, and Manas, are sitting around in a circle facing the centre. Rudra is sitting immediately next to Adya but not immediately next to Prabhu. Adya is not sitting immediately next to Chaitanya. Manas is sitting to Rudra's right. Prabhu is sitting to Adya's left. Chaitanya is sitting between Prabhu and Manas. Who is sitting to Adya's immediate right?

Options :

1. ✖ Manas

2. ✖ Prabhu

3. ✖ Chaitanya

4. ✔ Rudra

Question Number : 51 Question Id : 3675233600 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What are the two numbers that will come in place of the two '?' in the series?

6,72, 12, 64, 18, 56, 24, 48, 30, 40, 36, 32, ?, ?, 48, 16, 54, 8

Options :

1. ✔ 42, 24

2. ✖ 24, 48

3. ✖ 30, 36

4. ✖ 36, 30

Question Number : 52 Question Id : 3675233601 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What will come in place of '?' in the series?

2, 5, 11, 23, 47, ?

Options :

1. ✖ 94

2. ✔ 95

3. ✖ 81

4. ✖ 63

Question Number : 53 Question Id : 3675233602 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Some equations are solved on the basis of a certain system. On the same basis find out the correct answer from amongst the four alternatives for the unsolved equation.

$5 + 4 = 9, 7 + 5 = 24, 9 + 7 = ?$

Options :

1. ✔ 32

2. ✖ 36

3. ✖ 48

4. ✖ 28

Question Number : 54 Question Id : 3675233603 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If 'S' means 'Addition', '@' means 'Subtraction', '#' means 'Multiplication', and '©' means 'Division', then:

64 © 4 # 2 $ 6 @ 1 = ?

Options :

1. ✖ 36

2. ✔ 37

3. ✖ 27

4. ✖ 42

Question Number : 55 Question Id : 3675233604 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What will be the value of the expression given below if the sign '×' interchanges its place with '+' and the number '4' interchanges its place with '8'?

$(62 \times 4) + 8 = ?$

Options :

1. ✔ 280

2. ✖ 256

3. ✖ 500

4. ✖ 74

Numerical Aptitude

Section Id :	367523140
Section Number :	4
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	25
Number of Questions to be attempted:	25
Section Marks:	25
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	367523158
Question Shuffling Allowed :	Yes

Question Number : 56 Question Id : 3675233605 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What price should a shopkeeper mark on an article costing him ₹ 200 to gain 30% after allowing a discount of 35%?

Options :

1. ✔ ₹ 400

2. ✖ ₹ 450

3. ✖ ₹ 500

4. ✖ ₹ 550

Question Number : 57 Question Id : 3675233606 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A sum of money at compound interest amounts to thrice of itself in 3 years. In how many years will it become 27 times of itself?

Options :

1. ✖ 6 years

2. ✔ 9 years

3. ✖ 12 years

4. ✖ 24 years

Question Number : 58 Question Id : 3675233607 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A boy walks to his school from his village at 5 km/h and returns back at 7 km/h. If he takes 3 hours in all, then the distance between the village and the school is:

Options :

1. ✔ 8.75 km

2. ✖ 6.5 km

3. ✖ 9.25 km

4. ✖ 11 km

Question Number : 59 Question Id : 3675233608 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If a man runs at 10 m/s, how many kilometres will he run in 1 hour 20 minutes?

Options :

1. ✖ 36 km

2. ✖ 40 km

3. ✖ 44 km

4. ✔ 48 km

Question Number : 60 Question Id : 3675233609 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A train is moving at a speed of 162 km/h. If the length of the train is 190 m, how long will it take to cross a railway platform 125 m in length?

Options :

1. ✖ 5 seconds

2. ✖ 6 seconds

3. ✔ 7 seconds

4. ✖ 8 seconds

Question Number : 61 Question Id : 3675233610 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

15 men can complete a task in 8 days. Three days after they started the work, 3 more men joined. In how many days will all of them together complete the remaining work?

Options :

1. ✖ 5 days

2. ✔ $4\frac{1}{6}$ days

3. ✖ $7\frac{1}{6}$ days

4. ✖ $8\frac{1}{6}$ days

Question Number : 62 Question Id : 3675233611 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A is twice as good a workman as B and together they finish a piece of work in 26 days. What will be the number of days taken by A alone to finish the work?

Options :

1. ✖ 45 days

2. ✖ 42 days

3. ✔ 39 days

4. ✖ 36 days

Question Number : 63 Question Id : 3675233612 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Find the largest four digit number exactly divisible by 12, 15, 18, 54.

Options :

1. ✔ 9720

2. ✖ 9200

3. ✖ 9900

4. ✖ 8500

Question Number : 64 Question Id : 3675233613 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

What is the sum of the series?

$$1^2 + 2^2 + 3^2 \dots + 15^2 = ?$$

Options :

1. ✖ 1050

2. ✖ 1160

3. ✔ 1240

4. ✖ 1310

Question Number : 65 Question Id : 3675233614 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

What is the four digit number which, when divided by 12, 15 and 21, leaves remainder 7 in each case?

Options :

1. ✖ 9597

2. ✖ 9660

3. ✔ 9667

4. ✘ 9697

Question Number : 66 Question Id : 3675233615 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The increasing order of these fractions is:

$$\frac{4}{5}, \frac{5}{7}, \frac{6}{8}, \frac{9}{11}$$

Options :

1. ✘ $\frac{5}{7}, \frac{4}{5}, \frac{6}{8}, \frac{9}{11}$

2. ✘ $\frac{6}{8}, \frac{5}{7}, \frac{4}{5}, \frac{9}{11}$

3. ✘ $\frac{4}{5}, \frac{9}{11}, \frac{6}{8}, \frac{5}{7}$

4. ✔ $\frac{5}{7}, \frac{6}{8}, \frac{4}{5}, \frac{9}{11}$

Question Number : 67 Question Id : 3675233616 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If the price of tea is increased by 12.5%, find how much percent must a house holder reduce her consumption of tea by, so as not to increase the expenditure.

Options :

1. ✔ $11\frac{1}{9}\%$

2. ✘ 12.5%

3. ✘ 25%

4. ✘ $10\frac{1}{3}\%$

Question Number : 68 Question Id : 3675233617 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If the sides of a square is increased by 25%, then its area increases by:

Options :

1. ✘ 25%

2. ✖ 35%

3. ✖ 45%

4. ✔ 56.25%

Question Number : 69 Question Id : 3675233618 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A person earns 20% on an investment but loses 10% on another investment. If the ratio of the two investments were 3 : 5, then what would be the gain or loss percent on the two investments taken together?

Options :

1. ✖ 4.25%

2. ✖ 3.25%

3. ✖ 2.25%

4. ✔ 1.25%

Question Number : 70 Question Id : 3675233619 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If $2.5x = 0.02y$, then the value of $\frac{y-x}{y+x}$ is:

Options :

1. ✔ $\frac{62}{63}$

2. ✖ $\frac{6.2}{6.3}$

3. ✖ $\frac{620}{63}$

4. ✖ $\frac{62}{630}$

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Question Number : 71 Question Id : 3675233620 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A cricketer averages 28 runs per inning for 26 innings. If he makes a total of 272 runs in his next five innings, by how much will his average increase?

Options :

1. ✖ 5.758

2. ✔ 4.258

3. ✖ 7.50

4. ✖ 2.256

Question Number : 72 Question Id : 3675233621 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If $3A = 4B = 5C$ then $A : B : C$ is:

Options :

1. ✖ $4 : 5 : 2$

2. ✖ $15 : 3 : 4$

3. ✔ $20 : 15 : 12$

4. ✖ $15 : 20 : 12$

Question Number : 73 Question Id : 3675233622 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If 136 is divided into two parts in such a way that a fifth of the first part and an eighth of the second part are in the ratio 2 : 3, then the first part is:

Options :

1. ✖ 96

2. ✔ 40

3. ✖ 48

4. ✖ 72

Question Number : 74 Question Id : 3675233623 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If the volume of a cube is 4913 cubic cm, then its total surface area is:

Options :

1. ✔ 1734 square cm

2. ✖ 289 square cm

3. ✖ 102 square cm

4. ✖ 1156 square cm

Question Number : 75 Question Id : 3675233624 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A rectangle has 25 cm as its length and 250 square cm as its area. If the area is increased to $1\frac{1}{4}$ times the original area by increasing its length only, then the new perimeter will be:

Options :

1. ✖ 72.5 cm

2. ✖ 76.5 cm

3. ✖ 78.5 cm

4. ✔ 82.5 cm

Question Number : 76 Question Id : 3675233625 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

How many bags of grain can be stored in a cuboidal granary 24m × 15m × 18m, if each bag occupies a space 0.60 cubic metre?

Options :

1. ✔ 10800

2. ✖ 12800

3. ✖ 10200

4. ✖ 18200

Question Number : 77 Question Id : 3675233626 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The rate of simple interest at which a sum becomes two times of itself in 15 years is:

Options :

1. ✖ $2\frac{1}{2}\%$

2. ✖ 5%

3. ✔ $6\frac{2}{3}\%$

4. ✘ 7.5%

Question Number : 78 Question Id : 3675233627 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A man is standing on a bridge which is 120 m long. He finds that a train crosses the bridge in 10 seconds but it crosses him in 4 seconds. Find the speed of the train in km/h.

Options :

1. ✔ 72 km/h

2. ✘ 80 km/h

3. ✘ 70 km/h

4. ✘ 90 km/h

Question Number : 79 Question Id : 3675233628 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The difference between the compound interest and simple interest on a certain sum at 10% per annum for 2 years is ₹ 331. What is the sum?

Options :

1. ✘ ₹ 22,000

2. ✔ ₹ 33,100

3. ✘ ₹ 22,100

4. ✘ ₹ 30,000

Question Number : 80 Question Id : 3675233629 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The value of $\dfrac{(0.03)^2 + (0.75)^2 + (0.091)^2}{(0.003)^2 + (0.075)^2 + (0.0091)^2} = ?$

Options :

1. ✘ 10

2. ✔ 100

3. ✖ 1000

4. ✖ 10000

<center>General English</center>

Section Id :	367523141
Section Number :	5
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	367523159
Question Shuffling Allowed :	Yes

Question Number : 81 Question Id : 3675233630 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the option that is farthest/opposite in meaning to the given word.

PERILOUS

Options :

1. ✖ Awkward

2. ✔ Secure

3. ✖ Dangerous

4. ✖ Rugged

Question Number : 82 Question Id : 3675233631 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Find the meaning of the underlined idiom in the sentence below, from the given options.

The subordinates <u>curry favour</u> with the new manager so that they are promoted soon.

Options :

1. ✖ The subordinates put curry leaves to make the boss happy.

2. ✖ The subordinates created favour for the manager.

3. ✔ The subordinates try to get favour or advantage by flattery.

4. ✖ The subordinates manipulate the manager.

Question Number : 83 Question Id : 3675233632 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Find the meaning of the underlined idiom in the sentence below, from the given options.

The mimicry artist's performance brought the house down.

Options :

1. ✖ The building collapsed due to the noise

2. ✖ The artist pulled down the theatre

3. ✖ The people ran away from the house

4. ✔ The audience clapped very loudly

Question Number : 84 Question Id : 3675233633 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the most suitable meaning of the given phrase.

Solving problems in a realistic, sensible way.

Options :

1. ✖ Utopian

2. ✖ Idealistic

3. ✔ Pragmatic

4. ✖ Excited

Question Number : 85 Question Id : 3675233634 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the most suitable meaning of the given phrase.

Thinking and being aware of what happens around.

Options :

1. ✔ Conscious

2. ✖ Conscience

3. ✖ Conspicuous

4. ✖ Concise

Question Number : 86 Question Id : 3675233635 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the appropriate adjective to fill in the blank.

The scandal was _____ and it really defamed the reputation of the institution.

Options :

1. ✖ raged

2. ✔ outrageous

3. ✖ raging

4. ✖ outraged

Question Number : 87 Question Id : 3675233636 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the appropriate adjective to fill in the blanks.

Every year the people of Bhutan visit their king, talk to him and ask questions. This _____ custom makes the people happy.

Options :

1. ✖ ritual

2. ✖ habit

3. ✖ venture

4. ✔ rare

Question Number : 88 Question Id : 3675233637 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the appropriate adjective to fill in the blank.

The man who came out of the cave had a/an _____ appearance and it made the people bow to him.

Options :

1. ✔ imperial

2. ✖ royalty

3. ✖ renowned

4. ✖ king

Question Number : 89 Question Id : 3675233638 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the most suitable adverb to fill in the blank.

After a lengthy and convincing explanation he_____ admitted that he had understood the concept.

Options :

1. ✖ anxiously

2. ✔ reluctantly

3. ✖ badly

4. ✖ carelessly

Question Number : 90 Question Id : 3675233639 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the most suitable adverb to fill in the blank.

Emily Dickinson's poems were unknown to people when she was alive, but later they were _____ published and recognised by everyone.

Options :

1. ✖ posteriorly

2. ✖ interiorly

3. ✔ posthumously

4. ✘ subsequently

Question Number : 91 Question Id : 3675233640 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Choose the most suitable adverb to fill in the blank.

In a hurry, the scientist _____ took the stirring rod and put it in his coat pocket as he went for the conference.

Options :

1. ✔ inadvertently

2. ✘ initially

3. ✘ intelligently

4. ✘ willingly

Question Number : 92 Question Id : 3675233641 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The following sentence is divided into three parts. Identify the part that has an error in it. If there is no error, mark the option 'No error' as your answer.

Either Sachin or Rahul /both who is standing at the crease /will save India.

Options :

1. ✘ Either Sachin or Rahul

2. ✔ both who is standing at the crease

3. ✘ will save India

4. ✘ No error

Question Number : 93 Question Id : 3675233642 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The following sentence is divided into three parts. Identify the part that has an error in it. If there is no error, mark the option 'No error' as your answer.

The moment the controller came to know/ of the leaking of the questions/he ordered immediately dismissed the assistant.

Options :

1. ✘ The moment the controller came to know

2. ✘ of the leaking of the questions

3. ✔ he ordered immediately dismissed the assistant

4. ✘ No error

Question Number : 94 Question Id : 3675233643 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The following sentence is divided into three parts. Identify the part that has an error in it. If there is no error, mark the option 'No error' as your answer.

Any student who want/ to pursue higher education in the U.S./ has to pass IELTS.

Options :

1. ✔ Any student who want

2. ✘ to pursue higher education in the U.S.

3. ✘ has to pass IELTS

4. ✘ No error

Question Number : 95 Question Id : 3675233644 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the appropriate verb to fill in the blank.

If he _____ a lot of money to spare, he would have helped the children who could not continue their studies.

Options :

1. ✘ had

2. ✔ had had

3. ✘ were having

4. ✘ has

Question Number : 96 Question Id : 3675233645 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the appropriate verb to fill in the blank.

The supervisor shouted at him and said that he _____ his services any more.

Options :

1. ✔ did not need

2. ✖ has not needed

3. ✖ is not needed

4. ✖ does not need

Question Number : 97 Question Id : 3675233646 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Choose the appropriate verb to fill in the blank.

Sarah has been struggling for a decade to take care of the five orphans her sister _____ in her care.

Options :

1. ✖ leave

2. ✖ was leaving

3. ✖ will leave

4. ✔ had left

Question Number : 98 Question Id : 3675233647 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Choose the best option to fill in the blank.

In a depressed mood, with an empty look in his eyes and with an absent mind, _____ .

Options :

1. ✖ he lied on the doormat

2. ✖ he laid on the bed

3. ✔ he lay on the sofa

4. ✖ he lying on the road

Question Number : 99 Question Id : 3675233648 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the best option to fill in the blank.

Sanjay has a working _____ of Russian which he needs for his job as an intelligence officer.

Options :

1. ✖ woman

2. ✖ computer

3. ✖ atmosphere

4. ✔ knowledge

Question Number : 100 Question Id : 3675233649 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the best option to fill in the blank.

The ex-wife of the famous rock star would receive a/an _____ after her divorce.

Options :

1. ✖ patrimony

2. ✔ alimony

3. ✖ sum

4. ✖ amount