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 1
Subject Name:	LOWER DIVISION CLERK
Creation Date:	2018-02-18 13:28:43
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 :	36752340
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 :	367523132
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:	367523150
Question Shuffling Allowed :	Yes

**Question Number : 1 Question Id : 3675233450 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

What was the rank of India in the medals tally at the Rio Olympics, 2016?

Options :

1. ✖ 47

2. ✖ 56

3. ✔ 67

4. ✖ 72

**Question Number : 2 Question Id : 3675233451 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

Where did the game of Badminton originate?

Options :

1. ✖ Lahore

2. ✖ Chennai (Madras)

3. ✖ Kolkata (Calcutta)

4. ✔ Pune (Poona)

**Question Number : 3 Question Id : 3675233452 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

Whose autobiography is 'India Wins Freedom'?

Options :

1. ✖ MK Gandhi

2. ✔ Abul Kalam Azad

3. ✖ JL Nehru

4. ✖ Rajendra Prasad

**Question Number : 4 Question Id : 3675233453 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

Sanjukta Panigrahi is a famous _____ dancer of India.

Options :

1. ✖ Bharatnatyam

2. ✖ Kathak

3. ✔ Odissi

4. ✖ Mohiniyattam

Question Number : 5 Question Id : 3675233454 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which river is called 'The Sorrow of Bengal'?

Options :

1. ✖ Hooghly

2. ✔ Damodar

3. ✖ Subarnarekha

4. ✖ Mahananda

Question Number : 6 Question Id : 3675233455 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Government of India renamed National Rural Employment Guarantee Programme to Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) on _____.

Options :

1. ✖ 2nd October, 2007

2. ✔ 2nd October, 2009

3. ✖ 2nd October, 2010

4. ✖ 2nd October, 2012

Question Number : 7 Question Id : 3675233456 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Green Revolution was started in India in _____.

Options :

1. ✖ 1962-63

2. ✖ 1964-65

3. ✖ 1965-66

4. ✔ 1966-67

Question Number : 8 Question Id : 3675233457 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following atmospheric layers helps in radio communication?

Options :

1. ✖ Stratosphere

2. ✖ Troposphere

3. ✔ Ionosphere

4. ✖ Exosphere

Question Number : 9 Question Id : 3675233458 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who discovered Cosmic Rays?

Options :

1. ✖ James Watt

2. ✔ Victor Hess

3. ✖ John Cavendish

4. ✖ Max Plank

Question Number : 10 Question Id : 3675233459 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The first scientific expedition to Antarctica was started by India in the year _____.

Options :

1. ✖ 1976

2. ✖ 1978

3. ✔ 1981

4. ✖ 1984

Question Number : 11 Question Id : 3675233460 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 Indian Institute of Chemical Biology situated?

Options :

1. ✖ Lucknow

2. ✔ Kolkata

3. ✖ New Delhi

4. ✖ Bengaluru

Question Number : 12 Question Id : 3675233461 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 year did Vietnam become a member of the United Nations?

Options :

1. ✖ 1972

2. ✖ 1975

3. ✔ 1977

4. ✖ 1978

Question Number : 13 Question Id : 3675233462 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following types of Hindu marriage is regarded as the best form of marriage?

Options :

1. ✔ Brahma Vivaha

2. ✖ Daiva Vivaha

3. ✖ Prajapatya Vivaha

4. ✖ Gandharva Vivaha

**Question Number : 14 Question Id : 3675233463 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 author of 'Khamsah'?

Options :

1. ✖ Alberuni

2. ✖ Ziauddin Barani

3. ✔ Amir Khusrau

4. ✖ Abu Bakr

**Question Number : 15 Question Id : 3675233464 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 considered to be the founder of Madras(Chennai)?

Options :

1. ✖ Robert Clive

2. ✖ Warren Hastings

3. ✖ William Hawkins

4. ✔ Francis Day

**Question Number : 16 Question Id : 3675233465 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

The Government of India had set up the 'Sarkaria Commission' on Centre-State relations in which year?

Options :

1. ✖ 1978

2. ✖ 1980

3. ✔ 1983

4. ✖ 1985

Question Number : 17 Question Id : 3675233466 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Union Territory of Andaman and Nicobar islands comes under the jurisdiction of _____.

Options :

1. ✖ Supreme Court

2. ✖ Delhi High Court

3. ✖ Madras High Court

4. ✔ Calcutta High Court

Question Number : 18 Question Id : 3675233467 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which article of the Indian Constitution guarantees 'Equality of opportunity in matters of public employment'?

Options :

1. ✖ Article 14

2. ✔ Article 16

3. ✖ Article 18

4. ✖ Article 19

Question Number : 19 Question Id : 3675233468 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which article of the Indian Constitution ensures abolition of titles?

Options :

1. ✖ Article 16

2. ✔ Article 18

3. ✖ Article 19

4. ✖ Article 21

Question Number : 20 Question Id : 3675233469 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 fastest century (in terms of balls faced) in Test cricket?

Options :

1. ✖ Chris Gayle

2. ✖ Vivian Richards

3. ✖ A.B. de Villiers

4. ✔ Brendon McCullum

Basic Computer Knowledge

Section Id :	367523133
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:	367523151
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 3675233470 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The result of XOR operation between bit patterns 100101 and 101010 is:

Options :

1. ✖ 100101

2. ✖ 101010

3. ✔ 001111

4. ✖ 110000

Question Number : 22 Question Id : 3675233471 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which scheduling policy selects the waiting process with the smallest execution time to be executed next?

Options :

1. ✔ Shortest-Job-First

2. ✘ Round-Robin

3. ✘ Highest-Response-Ratio-Next

4. ✘ First-Come-First-Served

Question Number : 23 Question Id : 3675233472 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 FAT traditional 8.3 file naming conventions, the name of a file   or directory can be upto _____ characters long.

Options :

1. ✔ 8

2. ✘ 10

3. ✘ 16

4. ✘ 32

Question Number : 24 Question Id : 3675233473 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following philosophy does Preemptive Scheduling follow?

Options :

1. ✔ Time Slice should be allocated to each process

2. ✘ Processes run according to their priority

3. ✘ Processes are not restricted to time

4. ✘ Process Interruption is not allowed

Question Number : 25 Question Id : 3675233474 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In order to communicate with VGA devices, the OS switches to which of the following mode?

Options :

1. ✘ Kernal Mode

2. ✖ User Mode

3. ✔ Supervisor Mode

4. ✖ Hardware Mode

**Question Number : 26 Question Id : 3675233475 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

Which of the following memory is used for storing software that does not need updates?

Options :

1. ✖ Flash Memory

2. ✔ ROM

3. ✖ SRAM

4. ✖ DRAM

**Question Number : 27 Question Id : 3675233476 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

Why can the optimal deterministic solution to the page replacement algorithm NOT be achieved?

Options :

1. ✖ Some pages may be important

2. ✔ OS cannot know which page is referenced next

3. ✖ Possibility of Page Faults

4. ✖ Both some pages may be important and OS cannot know which page is referenced next.

**Question Number : 28 Question Id : 3675233477 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct : 1 Wrong : 0.25

Which of the following sections provides exclusive access to a shared resource?

Options :

1. ✖ Remainder Section

2. ✖ Non-Critical Section

3. ✔ Critical Section

4. ✖ Haskell Section

Question Number : 29 Question Id : 3675233478 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 used for _____.

Options :

1. ✔ locking resources

2. ✖ signaling the process

3. ✖ signaling the thread

4. ✖ handling interrupts

Question Number : 30 Question Id : 3675233479 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 disk head is located initially at 32, find the number of disk moves required with FCFS if the disk queue of I/O blocks requests are 98, 37, 14, 124, 65, 100.

Options :

1. ✔ 354

2. ✖ 239

3. ✖ 322

4. ✖ 325

Logical Reasoning

Section Id :	367523134
Section Number :	3
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

Question Number : 31 Question Id : 3675233480 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?

HORTICULTURE

Options :

1. ✔ THERE

2. ✖ CULTURE

3. ✖ TORTURE

4. ✖ THEIR

Question Number : 32 Question Id : 3675233481 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.

Royal : Imperial

Options :

1. ✖ Xenophobic : Philanthropist

2. ✔ Patriotic : Nationalistic

3. ✖ Musical : Constrained
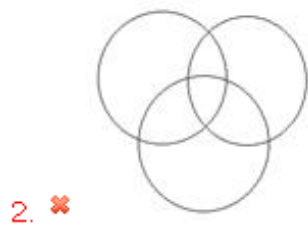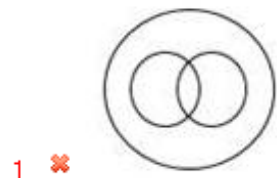
4. ✖ Rapturous : Soulful

Question Number : 33 Question Id : 3675233482 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. ✖ Monarch

2. ✖ Sovereign

3. ✔ Serf

4. ✖ Emperor

Question Number : 34 Question Id : 3675233483 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.

Physics, Astrology, Literature

Options :

1. ✖

2. ✖

3. ✖

4. ✔

Question Number : 35 Question Id : 3675233484 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. ✖ Capricorn

2. ✖ Sagittarius

3. ✔ Constellation

4. ✖ Virgo

Question Number : 36 Question Id : 3675233485 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.

Rats : Squeak : : Ducks : ?

Options :

1. ✔ Quack

2. ✖ Chirp

3. ✖ Coo

4. ✖ Beat

Question Number : 37 Question Id : 3675233486 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.

Topaz : Gem : : Silver : ?

Options :

1. ✖ Necklace

2. ✔ Metal

3. ✖ Ornament

4. ✖ Precious

Question Number : 38 Question Id : 3675233487 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, AMPLIFY is coded as AYMFPIL. How will STUDENT be coded in that language?

Options :

1. ✖ TNEDUTS

2. ✖ STUNNED

3. ✔ STTNUED

4. ✖ STTUDEN

Question Number : 39 Question Id : 3675233488 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, 'book' is coded as 'dast'; 'brush' is coded as 'pinch; 'paint' is coded as 'bann'; and 'canvas' is coded as 'horiz'. Which of the following will definitely mean 'paint brush'?

Options :

1. ✖ bann horiz

2. ✖ bann dast

3. ✖ dast pinch

4. ✔ bann pinch

Question Number : 40 Question Id : 3675233489 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Chintan rides a bicycle from his home to school. He starts from his home and first goes straight for 2 km. Then, turns left and goes 4 km. Finally, he turns right and goes for 2 km and reaches the school. In which direction is Chintan's school located from his home, if he started his journey facing West?

Options :

1. ✖ North-West

2. ✔ South-West

3. ✖ North-East

4. ✖ South-East

Question Number : 41 Question Id : 3675233490 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Feroze goes for a jog every morning starting from a stadium and ending at the sea front. First, he jogs 3 km straight towards West, then turns to his right and runs 6 km. Then, turning to his left, he runs a distance of 5 km to reach the sea front. What is the shortest distance (shortcut) between the sea front and the stadium?

Options :

1. ✖ 4 km

2. ✖ 7.5 km

3. ✔ 10 km

4. ✗ 8 km

Question Number : 42 Question Id : 3675233491 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.

Thiru. D. Vasudevan,
'Ambika Nilayam',
Lower Hill Road,
Udhagamandalam,
Tamil Nadu – 643 001

Options :

1. ✔ Thiru. D. Vasudevan,
'Ambika Nilayam',
Lower Hill Road,
Udhagamandalam,
Tamil Nadu – 643 001

2. ✗ Thiru. D. Vashudevan,
'Ambika Nilayam',
Lower Hill Road,
Udhagmandlam,
Tamil Nadu – 643 001

3. ✗ Thiru. D. Vasudhevan,
'Ambika Nillayam',
Lower Hill Road,
Udhagamandalam,
Tamil Nadu – 643 001

4. ✗ Thiru. D. Vasudewam,
'Ambika Nilayam',
Lower Hill Road,
Udhagandalam,
Tamil Nadu – 643 001

Question Number : 43 Question Id : 3675233492 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.

abcd : cegi : : mnop : ?

Options :

1. ✖ opst

2. ✖ oqrt

3. ✖ ortv

4. ✔ oqsu

Question Number : 44 Question Id : 3675233493 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.

MNBV : NMYE : : ASDF: ?

Options :

1. ✖ ZHXV

2. ✖ ZGXU

3. ✖ ZIXV

4. ✔ ZHWU

Question Number : 45 Question Id : 3675233494 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Ruppal is Chanchal's only brother's daughter. Unnati is Chanchal's daughter. How is Unnati related to Ruppal?

Options :

1. ✔ Cousin

2. ✖ Sister

3. ✖ Aunt

4. ✖ Niece

Question Number : 46 Question Id : 3675233495 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Introducing a young boy, Narmada said, "He is the younger son of my husband's mother's only daughter." How is Narmada related to the boy?

Options :

1. ✔ Aunt

2. ✖ Mother

3. ✖ Cousin

4. ✖ Sister

Question Number : 47 Question Id : 3675233496 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, Mayank ran faster than Shashank. Vedant ran faster than Tushant. Zeenat ran faster than Tushant but not as fast as Shashank. Shashank ran slower than Vedant. Who among the given friends came first in the race?

Options :

1. ✔ Tushant

2. ✖ Shashank

3. ✖ Vedant

4. ✖ Mayank

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

Question Number : 48 Question Id : 3675233497 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 cricket match, Sunil scored 45 runs. Anil scored 5 runs more than Sunil but 4 runs less than Azhar. Parmeet scored 7 runs more than Azhar, but 4 runs less than Sachin. Who scored the third highest runs in the match?

Options :

1. ✖ Parmeet

2. ✔ Azhar

3. ✖ Anil

4. ✖ Sunil

Question Number : 49 Question Id : 3675233498 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Six friends are sitting around a circular table facing the centre. Harshad is sitting immediately next to Laxman but not immediately next to David. Karan is not sitting next to Ballabh. David is sitting to Ballabh's immediate right. Manas is sitting to Karan's immediate left. Laxman is sitting between Harshad and Ballabh. Manas has David sitting to his immediate left. Manas is sitting between David and _____.

Options :

1. ✖ Harshad

2. ✖ Laxman

3. ✖ Ballabh

4. ✔ Karan

Question Number : 50 Question Id : 3675233499 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?

81, 9, 72, 18, 63, 27, 54, 36, ?, ?, 36, 54

Options :

1. ✔ 45, 45

2. ✖ 54, 45

3. ✖ 45, 54

4. ✖ 27, 36

Question Number : 51 Question Id : 3675233500 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 the '?' in the series?

4, 8, 16, 32, 64, ?, 256, 512, 1024

Options :

1. ✖ 108

2. ✔ 128

3. ✖ 156

4. ✖ 168

Question Number : 52 Question Id : 3675233501 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.

$7 + 2 = 57, 6 + 3 = 63, 5 + 4 = ?$

Options :

1. ✔ 89

2. ✖ 64

3. ✖ 69

4. ✖ 139

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

Question Number : 53 Question Id : 3675233502 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If '$' means 'Addition', '@' means 'Subtraction', '#' means 'Multiplication', and '©' means 'Division', then 78 © 13 # 4 $ 8 @ 5 = ?

Options :

1. ✖ 37

2. ✔ 27

3. ✖ 21

4. ✖ 36

Question Number : 54 Question Id : 3675233503 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 '2' interchanges its place with '3'?

$(78 \times 2) + 3 = ?$

Options :

1. ✔ 162

2. ✖ 236

3. ✖ 83

4. ✖ 468

Question Number : 55 Question Id : 3675233504 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In the set of letters, symbols and numbers given below, how many times does a number come immediately before a letter but not immediately after a symbol?

P n 4 # 3 a 2 Q r 6 4 N d $ e # f 6 g 9 h u z 7 c h I $ 5 x u 4 #

Options :

1. ✔ 5

2. ✘ 8

3. ✘ 3

4. ✘ 6

Numerical Aptitude

Section Id :	367523135
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:	367523153
Question Shuffling Allowed :	Yes

Question Number : 56 Question Id : 3675233505 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If $x : y = 3 : 2$, then $\frac{x^2 - y^2}{x^2 + y^2} = ?$

Options :

1. ✔ $5 : 13$

2. ✘ $1 : 5$

3. ✘ $2 : 15$

4. ✘ $5 : 2$

Question Number : 57 Question Id : 3675233506 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

100 kg of an alloy A is mixed with 140 kg of alloy B. If alloy A has lead and tin in the ratio 2 : 3, and alloy B has tin and copper in the ratio 4 : 1, then the amount of tin in the new alloy is:

Options :

1. ✖ 158 kg

2. ✖ 162 kg

3. ✖ 170 kg

4. ✔ 172 kg

Question Number : 58 Question Id : 3675233507 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Gold is 21 times heavier than water. Copper is 11 times heavier than water. In what ratio should gold and copper be mixed to get an alloy 15 times heavier than water?

Options :

1. ✖ 3 : 2

2. ✖ 3 : 5

3. ✖ 5 : 3

4. ✔ 2 : 3

Question Number : 59 Question Id : 3675233508 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 ratio of the areas of two squares is 256 : 81, then the ratio of their perimeters is:

Options :

1. ✔ 16 : 9

2. ✖ 64 :12

3. ✖ 4 : 9

4. ✖ 16 : 27

Question Number : 60 Question Id : 3675233509 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The total surface area of a cuboid is 75,200 square metre. Its length, breadth and height are in the ratio of 7 : 4 : 6. Then the measurement of length, breadth, height of that cuboid is:

Options :

1. ✗ 140 m, 20 m, 20 m

2. ✗ 20 m, 80 m, 100 m

3. ✗ 140 m, 80 m, 100 m

4. ✓ 140 m, 80 m, 120 m

Question Number : 61 Question Id : 3675233510 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 simple interest amounts to ₹ 4,480 in 2 years and ₹ 5,200 in 5 years. What is the original sum?

Options :

1. ✓ ₹ 4,000

2. ✗ ₹ 3,500

3. ✗ ₹ 3,000

4. ✗ ₹ 2,500

Question Number : 62 Question Id : 3675233511 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The simple interest on ₹ 1,920 from 10 October 2017 to 10 January 2018 at $5\frac{1}{2}$% per annum is:

Options :

1. ✗ ₹ 25.40

2. ✓ ₹ 26.40

3. ✗ ₹ 40.60

4. ✗ ₹ 26.60

Question Number : 63 Question Id : 3675233512 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

At what rate of compound interest per annum will a sum of ₹ 2,400 become ₹ 3,750 in 2 years?

Options :

1. ✖ 20%

2. ✖ 12.5%

3. ✔ 25%

4. ✖ 40%

Question Number : 64 Question Id : 3675233513 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 travels for 3 hours 15 minutes. If he covers first half of the journey at 40 km/h and the rest of the disctance at 60 km/h, calculate the total distance travelled by him.

Options :

1. ✖ 78 km

2. ✖ 126 km

3. ✔ 156 km

4. ✖ 192 km

Question Number : 65 Question Id : 3675233514 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A can complete certain job in 24 days. B is 40% more efficient than A. The number of days it takes B to complete the same job is:

Options :

1. ✖ $19\frac{1}{7}$

2. ✔ $17\frac{1}{7}$

3. ✖ $15\frac{1}{7}$

4. ✖ $13\frac{1}{7}$

Question Number : 66 Question Id : 3675233515 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

2 Men and 3 Women finish a job in 8 days, while 3 men and 2 women finish it in 7 days. How long will 5 men and 4 women take to finish it?

Options :

1. ✔ 4 days

2. ✖ 8 days

3. ✖ 12 days

4. ✖ 16 days

Question Number : 67 Question Id : 3675233516 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 value of $1 + 3 + 5 + 7 + 9 + 11 + \ldots\ldots + 21$?

Options :

1. ✔ 121

2. ✖ 144

3. ✖ 169

4. ✖ 196

Question Number : 68 Question Id : 3675233517 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 missing number in the given series?

0, 2, 6, 12, 20, 30, ?

Options :

1. ✖ 40

2. ✔ 42

3. ✖ 44

4. ✖ 48

Question Number : 69 Question Id : 3675233518 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Ram's salary was reduced by 25%. In order to get his salary back to the original amount, it must be raised by:

Options :

1. ✖ 25%

2. ✔ 33.33%

3. ✖ 50%

4. ✖ 75%

Question Number : 70 Question Id : 3675233519 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A number, when divided by 136, leaves a remainder of 19. If it is divided by 17, it will leave a remainder of:

Options :

1. ✖ 19

2. ✔ 2

3. ✖ 7

4. ✖ 10

Question Number : 71 Question Id : 3675233520 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 value of $\dfrac{0.137 \times 0.137 \times 0.137 + 0.098 \times 0.098 \times 0.098}{0.137 \times 0.137 - 0.137 \times 0.098 + 0.098 \times 0.098} = ?$

Options :

1. ✖ 0.40

2. ✖ 0.25

3. ✖ 0.039

4. ✔ 0.235

Question Number : 72 Question Id : 3675233521 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Pure ghee costs ₹ 80 per kg. After adulterating it with vegetable oil costing ₹ 40 per kg, a shopkeeper sells the mixture at the rate of ₹ 72 per kg, thereby making a profit of 20%. In what ratio does he mix the two?

Options :

1. ✔ 1 : 1

2. ✖ $1 : 2$

3. ✖ $1 : 3$

4. ✖ $1 : 4$

Question Number : 73 Question Id : 3675233522 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A shopkeeper sells sugar at the cost price but uses a false weight of 900 g for one kg. His profit percent in the transaction is:

Options :

1. ✖ 10%

2. ✖ 20%

3. ✖ $9\frac{1}{11}\%$

4. ✔ $11\frac{1}{9}\%$

Question Number : 74 Question Id : 3675233523 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The mean of 28 observations is 35. If 3 is subtracted from each observation, what will be new mean?

Options :

1. ✖ 30

2. ✔ 32

3. ✖ 34

4. ✖ 36

Question Number : 75 Question Id : 3675233524 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The average age of 22 boys and one teacher is 16 years. When the teacher's age is excluded, the average decreases by 1. What is the age of the teacher?

Options :

1. ✖ 58 years

2. ✗ 48 years

3. ✔ 38 years

4. ✗ 36 years

Question Number : 76 Question Id : 3675233525 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If $x : y = 2 : 3$, then $\frac{3x+2y}{4x+5y} = ?$

Options :

1. ✗ $\frac{6}{18}$

2. ✔ $\frac{12}{23}$

3. ✗ $\frac{8}{13}$

4. ✗ $\frac{4}{13}$

Question Number : 77 Question Id : 3675233526 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Two equal glasses are respectively $\frac{2}{3}$ and $\frac{1}{4}$ full of milk. They are then filled with water and the resultant contents mixed in a tumbler. The ratio of milk and water in the tumbler is:

Options :

1. ✗ $3 : 4$

2. ✗ $4 : 3$

3. ✔ $11 : 13$

4. ✗ $8 : 9$

Question Number : 78 Question Id : 3675233527 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The ratio of the number of boys and girls in a school is 7 : 3. If 25% of the boys and 20% of the girls are scholarship holders, then the percentage of the school students who are **NOT** scholarship holders is:

Options :

1. ✘ 65%

2. ✘ 45%

3. ✘ 56.5%

4. ✔ 76.5%

Question Number : 79 Question Id : 3675233528 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 length, breadth and height of a room are 12 m, 8 m and 10 m respectively, then the area of its four walls is:

Options :

1. ✘ 100 square metre

2. ✘ 200 square metre

3. ✘ 300 square metre

4. ✔ 400 square metre

Question Number : 80 Question Id : 3675233529 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The dimensions of a brick are 16 cm × 12 cm × 4 cm. How many bricks will be required to build a wall 24 m long, 8 m high and 12 m thick, if 10% of the wall is filled with mortar?

Options :

1. ✔ 27,00,000

2. ✘ 3,00,000

3. ✘ 30,00,000

4. ✘ 2,00,000

General English

Section Id :	367523136
Section Number :	5
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20

Question Number : 81 Question Id : 3675233530 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose a suitable phrasal verb to fill in the blank.

The people should be aware and they should not _____ the promises made by the politicians during election.

Options :

1. ✖ fall out

2. ✖ fall in

3. ✖ fall at

4. ✔ fall for

Question Number : 82 Question Id : 3675233531 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The underlined part in the below sentence is INCORRECT. Choose the option that can replace the underlined part and correctly complete the sentence.

Much of the machinery they purchased were immediately installed for production.

Options :

1. ✖ Much of the machineries they purchased were

2. ✔ Much of the machinery they purchased was

3. ✖ Few of the machinery they purchased were

4. ✖ Much of the machinery they purchased are

Question Number : 83 Question Id : 3675233532 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In the following question, select the most appropriate option which should replace the underlined word/phrase in the sentence to make it grammatically correct. If the sentence is correct as it is given and no correction is required, mark the option 'No change required' as your answer.

A <u>herd of cattle were allowed</u> to graze in the cemetery

Options :

1. ✔ A herd of cattle was allowed

2. ✖ A herd of cattle are allowed

3. ✖ A herd of cattle have been allowed

4. ✖ No change required

Question Number : 84 Question Id : 3675233533 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

In the following question, select the most appropriate option which should replace the underlined word/phrase in the sentence to make it grammatically correct. If the sentence is correct as it is given and no correction is required, mark the option 'No change required' as your answer.

<u>A lot of books has been procured</u> for the library this year.

Options :

1. ✖ A lot of books procured

2. ✖ A lot of books is procured

3. ✖ No change required

4. ✔ A lot of books have been procured

Question Number : 85 Question Id : 3675233534 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 conjunction to fill in the blank.

It is a famous saying that "Language cannot be taught, _____ it can be caught".

Options :

1. ✖ nevertheless

2. ✖ when

3. ✔ but

4. ✖ until

Question Number : 86 Question Id : 3675233535 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 conjunction to fill in the blank.

Teachers should pay more attention to young learners _____ they do not feel rejected.

Options :

1. ✖ therefore

2. ✔ so that

3. ✖ when

4. ✖ since

Question Number : 87 Question Id : 3675233536 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 conjunction to fill in the blank.

He needs to score above 7 band in IELTS, _____ he takes extra coaching to practise his language skills.

Options :

1. ✖ as a result

2. ✖ because

3. ✔ therefore

4. ✖ since

Question Number : 88 Question Id : 3675233537 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.

He _____ by plane and so he is very anxious.

Options :

1. ✖ never travelled

2. ✖ never travels

3. ✔ has never travelled

4. ✘ never was travelling

Question Number : 89 Question Id : 3675233538 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.

Seven new members _____ and four members have resigned since last week.

Options :

1. ✘ enrolled

2. ✘ were enrolled

3. ✔ have been enrolled

4. ✘ are enrolling

Question Number : 90 Question Id : 3675233539 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.

By the end of March I _____ here for 10 years.

Options :

1. ✘ have worked

2. ✔ will have worked

3. ✘ will be working

4. ✘ worked

Question Number : 91 Question Id : 3675233540 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 prepositions to fill in the blanks.

The old man and the woman are sitting _____ the park bench, smiling _____ each other.

Options :

1. ✔ on, at

2. ✖ with, at

3. ✖ at, at

4. ✖ by, to

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

Question Number : 92 Question Id : 3675233541 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 prepositions to fill in the blanks.

Since he has no job experience, he is _____ a disadvantage when it comes _____ this designing job.

Options :

1. ✔ at, to

2. ✖ with, for

3. ✖ on, about

4. ✖ for, to

Question Number : 93 Question Id : 3675233542 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 prepositions to fill in the blanks.

The player was disqualified as he committed a mistake _____ playing _____ the rules.

Options :

1. ✖ for, with

2. ✖ of, within

3. ✖ in, for

4. ✔ of, against

Question Number : 94 Question Id : 3675233543 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 option to fill in the blank.

If anyone wants to succeed in business, he has to break the_____ with his communication.

Options :

1. ✖ obstacles

2. ✖ hurdles

3. ✔ barriers

4. ✖ hindrances

Question Number : 95 Question Id : 3675233544 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 option to fill in the blank.

Before the professor explains the experiment you should not _____ conclusions.

Options :

1. ✔ jump to

2. ✖ dive into

3. ✖ plunge into

4. ✖ run into

Question Number : 96 Question Id : 3675233545 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 option to fill in the blank.

In the competition, team A has strong leadership, which is a _____ advantage.

Options :

1. ✖ best

2. ✔ relative

3. ✖ contrastive

4. ✖ comparative

Question Number : 97 Question Id : 3675233546 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 closest in meaning to the given word.

SQUANDER

Options :

1. ✖ Hoard

2. ✔ Lavish

3. ✖ Accumulate

4. ✖ Collect

Question Number : 98 Question Id : 3675233547 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 closest in meaning to the given word.

ASTUTE

Options :

1. ✖ Inept

2. ✖ Naive

3. ✔ Perceptive

4. ✖ Stupid

Question Number : 99 Question Id : 3675233548 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.

CONSPIRE

Options :

1. ✖ Connive

2. ✖ Devise

3. ✔ Neglect

4. ✖ Intrigue

Question Number : 100 Question Id : 3675233549 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.

SULLEN

Options :

1. ✖ Petulant

2. ✖ Sombre

3. ✔ Bright

4. ✖ Brooding