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17th Feb 2018 Shift 1

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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 17th Feb 2018 shift 1
Subject Name:	LOWER DIVISION CLERK
Creation Date:	2018-02-17 14:38:10
Duration:	120
Total Marks:	100
Display Marks:	Yes
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	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 :	36752338
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 :	367523122
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: 367523140
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 3675233250 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 provides for Judicial Review over Legislative/Executive actions in our Constitution?

Options :

✘ Article 10

✘ Article 12

✔ Article 15

✘ Article 13

Question Number : 2 Question Id : 3675233251 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

William G. Morgan is considered to be the inventor of which game?

Options :

✘ Baseball

✔ Volleyball

✘ Basketball

✘ Rugby

Question Number : 3 Question Id : 3675233252 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The 'Walker Cup' is associated with which game?

Options :

✘ Polo

✘ Billiards

✘ Squash

✔ Golf

Question Number : 4 Question Id : 3675233253 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 Vedangas is related to phonetics?

Options :

- ☐ Kalpa
- ☐ Nirukta
- ☒ Shiksha
- ☐ Vyakaran

Question Number : 5 Question Id : 3675233254 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who is considered to be the founder of 'Nyaya Darshana'?

Options :

- ☐ Kapila
- ☐ Jamini
- ☒ Gautama
- ☐ Patanjali

Question Number : 6 Question Id : 3675233255 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 is the first 'Green Port' of India?

Options :

- ☐ Kandla
- ☒ Haldia
- ☐ Paradip
- ☐ Ennore

Question Number : 7 Question Id : 3675233256 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The 'Raja Bhoj' International Airport is located in which of the following cities?

Options :

- ☐ Nagpur
- ☐ Indore
- ☐ Ahmedabad
- ☒ Bhopal

Question Number : 8 Question Id : 3675233257 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 'Comprehensive Crop Insurance Scheme' (CCIS) was introduced in which year?

Options :

- ☒ 1985
- ☐ 1988
- ☐ 1990
- ☐ 1999

Question Number : 9 Question Id : 3675233258 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 states of India has the highest per capita income as of 2013-14?

Options :

- ☐ Haryana
- ☐ Maharashtra
- ☒ Goa
- ☐ Gujarat

Question Number : 10 Question Id : 3675233259 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 evidence of the Big-Bang theory was given by:

Options :

- ☐ Albert Einstein
- ☐ Stephen Hawking
- ☒ Edwin Hubble
- ☐ George Ellis

Question Number : 11 Question Id : 3675233260 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Indian Space Research Organisation (ISRO) Navigation Centre was set up at which place?

Options :

- ☐ Sri Harikota
- ☒ Byalalu
- ☐ Thumba
- ☐ Balasore

Question Number : 12 Question Id : 3675233261 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The headquarters of the 'Organization of Economic Cooperation and Development' (OECD) is located at which place?

Options :

- ☐ New York
- ☐ London
- ☒ Paris
- ☐ Rome

Question Number : 13 Question Id : 3675233262 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'Melli Majlis' is the Parliament of which country?

Options :

- ☐ Algeria

✓ Azerbaijan

✗ Afghanistan

✗ Bahrain

Question Number : 14 Question Id : 3675233263 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 was one of the 'Nine Gems' of Chandragupta II?

Options :

✗ Bhaskara

✗ Brahmagupta

✓ Varahmihira

✗ Aryabhata

Question Number : 15 Question Id : 3675233264 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Chand Bibi is known for defending _____ against the Mughals.

Options :

✗ Bijapur

✗ Golconda

✓ Ahmednagar

✗ Bidar

Question Number : 16 Question Id : 3675233265 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who led the 'Revolt of 1857' from Mathura?

Options :

✗ Gajadhar Singh

✗ Raja Pratap Singh

✘ Hardayal Singh

✔ Devi Singh

Question Number : 17 Question Id : 3675233266 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 is commonly referred to as the 'Fourth Estate'?

Options :

✘ Clergy

✔ Press

✘ Nobility

✘ Commoners

Question Number : 18 Question Id : 3675233267 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 states has a bicameral legislature?

Options :

✘ Haryana

✘ Gujarat

✔ Telangana

✘ Rajasthan

Question Number : 19 Question Id : 3675233268 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

By which Constitutional Amendment Act was Arunachal Pradesh made a full-fledged state?

Options :

✘ 54th

✔ 55th

✘ 57th

✖ 59th

Question Number : 20 Question Id : 3675233269 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 says that the Supreme Court shall be a Court of Record and shall have all the powers of such courts including the power to punish for contempt of itself?

Options :

✖ Article 121

✖ Article 123

✖ Article 126

✔ Article 129

Basic Computer Knowledge

Section Id :	367523123
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:	367523141
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 3675233270 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If main memory size is 4 GB, cache memory size is 16 MB, block size is 1 KB, then what is the tag size for an 8-way associate cache?

Options :

✖ 8

✖ 9

✖ 10

✓ 11

Question Number : 22 Question Id : 3675233271 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A disk has tracks from 0 to 179. Currently the head is at track 40. The R/W requests for tracks are in the following order – 80, 102, 26, 160, 35, 10, 135. What is the total head movement when SSTF algorithm is used?

Options :

✓ 180

✗ 190

✗ 258

✗ 542

Question Number : 23 Question Id : 3675233272 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The message 'HELLO' is to be transmitted using asynchronous serial format (7-bit data, one start bit, odd parity, 2 stop bits). Data rate is 4,000 bps. What is the time required for transmission?

Options :

✗ 1.25 ms

✗ 2.75 ms

✗ 6.25 ms

✓ 13.75 ms

Question Number : 24 Question Id : 3675233273 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Microsoft's digital assistant is named _____.

Options :

✗ Alexa

✓ Cortana

✗ Jeeves

✗ Siri

Question Number : 25 Question Id : 3675233274 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which among the following algorithms is used for process synchronisation?

Options :

☒ Bakery

☐ Banker's

☐ Bellman-Ford

☐ Needham

Question Number : 26 Question Id : 3675233275 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Digital signature ensures:

Options :

☐ Availability

☐ Confidentiality

☐ Efficiency

☒ Non-repudiation

Question Number : 27 Question Id : 3675233276 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Aadhaar data is collected and managed by _____, a statutory authority.

Options :

☐ BSNL

☐ Digital India

☐ NITI Ayog

☒ UIDAI

Question Number : 28 Question Id : 3675233277 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

_____ is a mobile application development framework, earlier known as PhoneGap.

Options :

✓ Apache Cordova

✗ Eclipse

✗ Apache Struts

✗ wxWidgets

Question Number : 29 Question Id : 3675233278 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

_____ was the first Turing-complete machine to be designed.

Options :

✓ Analytical Engine

✗ EDSAC

✗ ENIAC

✗ IBM/360

Question Number : 30 Question Id : 3675233279 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which among the following is NOT a data hazard?

Options :

✓ RAR

✗ RAW

✗ WAR

✗ WAW

Logical Reasoning

Section Id :

367523124

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

Sub-Section Number:	1
Sub-Section Id:	367523142
Question Shuffling Allowed :	Yes

Question Number : 31 Question Id : 3675233280 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 the letters of the given word. The letters can be used only as many times as they appear in the given word.

CHANDELIER

Options :

✔ DANGLE

✘ LIAR

✘ LEADER

✘ HANDLE

Question Number : 32 Question Id : 3675233281 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.

Summit : Bottom

Options :

✔ Victory : Defeat

✘ Happy : Glad

✘ Angry : Furious

✘ Weird : Uncanny

Question Number : 33 Question Id : 3675233282 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 :

☐ Radio

☐ Television

☒ Newspaper

☐ Phablet

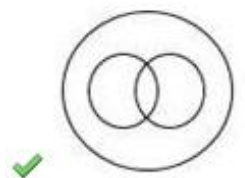
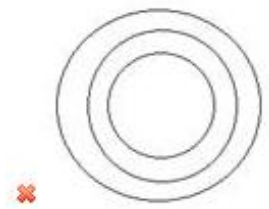
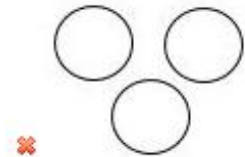
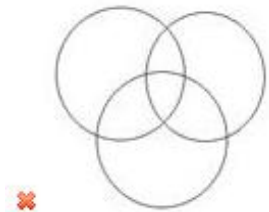
Question Number : 34 Question Id : 3675233283 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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

Musicians, Artists, Singers

Options :



Question Number : 35 Question Id : 3675233284 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 :

- ☐ Bible
- ☐ Quran
- ☒ Prayer
- ☐ Guru Granth Sahib

Question Number : 36 Question Id : 3675233285 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.

Trip : Travel : : Worship : ?

Options :

- ☒ Pray
- ☐ Stand
- ☐ Sit
- ☐ Blink

Question Number : 37 Question Id : 3675233286 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.

Restaurant : Diner : : Hospital : ?

Options :

- ☐ Doctor
- ☒ Patient
- ☐ Nurse
- ☐ Treatment

Question Number : 38 Question Id : 3675233287 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, HIBERNATE is coded as REBIHETAN. How will NUTRITION be coded in that language?

Options :

✘ IRTITUNNO

✘ NOITIRTUN

✔ IRTUNNOIT

✘ TIONNUTRI

Question Number : 39 Question Id : 3675233288 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, 'man' is coded as 'hun'; 'snake' is coded as 'sapr'; 'rabit' is coded as 'sasa'; and 'grass' is coded as 'hrit'. Which of the following will be at the top of the animal food chain?

Options :

✘ hrit

✘ sasa

✘ sapr

✔ hun

Question Number : 40 Question Id : 3675233289 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If man is called mongoose, mongoose is called eagle, eagle is called panda, and panda is called parrot, which of the following will fly in the sky?

Options :

✘ Eagle

✘ Parrot

✔ Panda

✘ Mongoose

Question Number : 41 Question Id : 3675233290 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Tejas rides a bicycle to school. He starts from his home and goes straight for 1 km. Then, turns left and goes 3 km. Finally, he turns right and goes for 2 km and reaches the school. In which direction is Tejas' school with respect to the starting point if he started his journey facing North?

Options :

✓ North-West

✗ South-West

✗ North-East

✗ South-East

Question Number : 42 Question Id : 3675233291 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Dharmesh drives 8 km straight from the City Centre towards East. Then turning right, he drives 4 km to reach CBD. From CBD, he turns right and drives 5 km to reach an isolated spot where his car breaks down. If Dharmesh has to walk back to the City Centre to get help, what is the shortest distance (short cut) from the isolated spot to City Centre?

Options :

✗ 3 km

✗ 4 km

✓ 5 km

✗ 7 km

Question Number : 43 Question Id : 3675233292 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 an exact reproduction of the address given below.

Mr. John D'Souza,
Cottage No. 936,
Behind Holy Spirit Hospital,
Church Lane, Candolim,
Goa – 403515

Options :

Mr. John D'Souza,
Cottage No. 936,
Behind Holy Spirit Hospital,
Church Lane, Candolim,

✓ Goa – 403515

Mr. John D'Souza,
Cottage No. 936,
Behind Holy Sprit Hospital,
Church Lane, Candolim,

✖ Goa – 403515

Mr. John D'Souza,
Cottage No. 936,
Behind Holy Spirit Hospital,
Church Line, Candolem,

✖ Goa – 403515

Mr. John D'Souza,
Cottage No. 936,
Beside Holy Spirit Hospital,
Church Lane, Cardolin,

✖ Goa – 403515

Question Number : 44 Question Id : 3675233293 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.

suwy : bdfh : : nprr : ?

Options :

✖ mljn

✖ hjkm

✖ hikn

✔ gikm

Question Number : 45 Question Id : 3675233294 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.

XWVU : VTRP : : PONM : ?

Options :

✖ LJHK

✖ JLNK

☐ NMGH

☒ NLJH

Question Number : 46 Question Id : 3675233295 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Pavan is Rahul's only brother's son. Usha is Pavan's mother. Usha's daughter, Shaniya, is the elder of her two children. Subodh is 30 years older than his daughter, Shaniya. How is Pavan related to Shaniya?

Options :

☒ Brother

☐ Cousin

☐ Uncle

☐ Nephew

Question Number : 47 Question Id : 3675233296 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 boy's photo, Suraj, who is the only son of his parents, said, "His mother is my mother's only daughter-in-law." How is Suraj related to the boy in the photograph?

Options :

☒ Father

☐ Himself

☐ Son

☐ Nephew

Question Number : 48 Question Id : 3675233297 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, Mira ran faster than Sudha. Vasudha ran faster than Tanya. Zarin ran faster than Tanya but not as fast as Sudha. Sudha ran slower than Vasudha. Who among the given friends came fourth (from the start/top) in the race?

Options :

☐ Tanya

☐ Sudha

☐ Vasudha

✓ Zarin

Question Number : 49 Question Id : 3675233298 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Xavier scored 52 marks in a 100-mark test. Tom scored 7 marks more than Xavier but 5 marks lesser than Steve. Roger scored 5 marks lesser than Peter, and 6 marks more than Steve. Who scored the second lowest marks in the given test?

Options :

✗ Roger

✓ Tom

✗ Steve

✗ Peter

Question Number : 50 Question Id : 3675233299 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, Rishabh, Adi, Paras, Chandra, and Mahavir, are sitting around a circular table, not necessarily in that order. Rishabh is sitting immediately next to Adi but not immediately next to Paras. Adi is not sitting next to Chandra. Mahavir is sitting to Rishabh's immediate right. Paras is sitting to Adi's immediate left. Chandra is sitting between Paras and Mahavir. Who is sitting between Rishabh and Paras?

Options :

✗ Mahavir

✗ Paras

✗ Chandra

✓ Adi

Question Number : 51 Question Id : 3675233300 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which two numbers will come in the place of '?' in the series?

6, 28, 12, 21, ?, ?, 24, 7

Options :

✓ 18, 14

✗ 21, 18

✖ 20, 16

✖ 28, 10

Question Number : 52 Question Id : 3675233301 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 the place of '?' in the series?

4, 7, 12, 19, 28, 39, ?

Options :

✔ 52

✖ 48

✖ 55

✖ 50

Question Number : 53 Question Id : 3675233302 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. Three equations below are solved using that system. On the same basis, find out the correct answer for the unsolved equation.

$9 + 7 = 32$, $6 + 4 = 20$, $8 + 3 = ?$

Options :

✔ 55

✖ 24

✖ 48

✖ 70

Question Number : 54 Question Id : 3675233303 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 $108 \text{ © } 12 \# 3 \$ 9 @ 3 = ?$

Options :

✖ 36

✔ 33

✘ 21

✘ 54

Question Number : 55 Question Id : 3675233304 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 ‘3’ interchanges its place with ‘5’?

$(92 \times 5) + 3 = ?$

Options :

✔ 475

✘ 100

✘ 281

✘ 1,380

Numerical Aptitude

Section Id :	367523125
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:	367523143
Question Shuffling Allowed :	Yes

Question Number : 56 Question Id : 3675233305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If $\frac{\frac{2}{3} \div \frac{5}{6} \text{ of } \frac{3}{4}}{\frac{2}{3} \div \frac{3}{4} \times \frac{5}{8}} \div \frac{\frac{2}{3} \div \frac{3}{4} \text{ of } \frac{5}{6}}{\frac{2}{3} \div \frac{5}{6} \times \frac{3}{4}} = 1 + \frac{k}{25}$, then the value of k is:

Options :

☒ 2

☐ 3

☐ 4

☐ 9

Question Number : 57 Question Id : 3675233306 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The sum of two 3-digit numbers is 684 and their HCF is 57. If x is the LCM of the numbers, then the sum of the digits of x is:

Options :

☐ 15

☐ 19

☒ 24

☐ 27

Question Number : 58 Question Id : 3675233307 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Consider x and y as two numbers such that $x > y$. The numbers are also nearest to 10,000 and are divisible by each of 2, 3, 4, 5, 6 and 7. Then $x \div y$ equals:

Options :

☐ $\frac{23}{22}$
☒ $\frac{24}{23}$
☐ $\frac{25}{24}$
☐ $\frac{26}{25}$

Question Number : 59 Question Id : 3675233308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A common factor of $(127^{97} + 97^{97})$ and $(257^{166} - 243^{166})$ is:

Options :

✓ 14

✗ 15

✗ 20

✗ 25

Question Number : 60 Question Id : 3675233309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If 80% of 150% of A is equal to two times the value of 75% of B, then A is more/less than B by how much percentage?

Options :

✗ 25% less

✓ 25% more

✗ 20% less

✗ 20% more

Question Number : 61 Question Id : 3675233310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

When the tax on a commodity is reduced by 10%, then its consumption is increased by 12%. What is the effect on the revenue received from it?

Options :

✗ 0.2% increase

✗ 0.2% decrease

✗ 0.8% decrease

✓ 0.8% increase

Question Number : 62 Question Id : 3675233311 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 earns 20% profit by selling an article for ₹ 150 above its cost price. If the article is sold after a discount of 25%, then the marked price of the article is:

Options :

✗ ₹ 1,125

✖ ₹ 1,150

✔ ₹ 1,200

✖ ₹ 1,250

Question Number : 63 Question Id : 3675233312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The ratios of acid and water in three mixtures of these liquids are 2 : 3, 3 : 4 and 4 : 5 respectively. A person mixes 20 litre of the first mixture, 21 litre of the second and x litre of the third mixture. If the ratio of acid and water in the resulting mixture is 29 : 39, the value of x is:

Options :

✔ 27 litre

✖ 24 litre

✖ 18 litre

✖ 15 litre

Question Number : 64 Question Id : 3675233313 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 ₹ 4,582 is divided among A, B, C and D such that the ratio of shares of A and B is 1 : 2, that of B and C is 3 : 4 and that of C and D is 2 : 3. What is the difference between the shares of B and D?

Options :

✖ ₹ 632

✔ ₹ 948

✖ ₹ 790

✖ ₹ 1,422

Question Number : 65 Question Id : 3675233314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Two numbers A and B are positive and inversely proportional. If B increases by 100%, then A decreases by:

Options :

✖ 200%

✖ 100%

✖ 80%

✔ 50%

Question Number : 66 Question Id : 3675233315 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 borrowed a sum of ₹ X every year (for 3 years) at 10% compound interest (interest compounded annually). If at the end of 3 years, the total amount he had to pay was ₹ 36,410, then what is the value of X?

Options :

✖ ₹ 9,500

✖ ₹ 9,800

✔ ₹ 10,000

✖ ₹ 12,000

Question Number : 67 Question Id : 3675233316 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 ages (in years) of persons in groups A, B and C are 37, 23 and 41 years, respectively. If the average age of persons in groups A and B combined is 29, that of B and C is 33 and that of A and C is 39.5, then the average age of all the persons combined in these three groups is:

Options :

✖ 35.8

✖ 34.8

✔ 34

✖ 33

Question Number : 68 Question Id : 3675233317 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 height of 10 persons is 165 cm. The tallest person is 5 cm taller than the second tallest person. If the average height of the remaining 8 persons is 162 cm, then what is the height of the second tallest person?

Options :

✔ 174.5 cm

✖ 172.6 cm

✖ 172.4 cm

✖ 171.5 cm

Question Number : 69 Question Id : 3675233318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A leaves his school at the same time everyday. If he travels at 18 km/h, he arrives home at 5:30 p.m. If he travels at 8 km/h, he arrives home at 6:15 p.m. At what speed (in km/h) must he travel to arrive home at 6:00 p.m.?

Options :

✖ $8\frac{2}{3}$

✖ $9\frac{1}{3}$

✖ $9\frac{7}{11}$

✔ $9\frac{9}{11}$

Question Number : 70 Question Id : 3675233319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Shashi rowed a certain distance downstream in 9 hours, while it took her 15 hours to row the same distance upstream. How long will it take her to make the two-way journey in still water?

Options :

✖ 24 hours

✖ 24.5 hours

✖ 22 hours

✔ 22.5 hours

Question Number : 71 Question Id : 3675233320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A certain number of men can complete a task in 18 days, working 8 hours a day. If the number of men is increased by $33\frac{1}{3}\%$ and the time spent is decreased by 50%, then in how many days, will the same work be completed?

Options :

✖ 24

✔ 27

✖ 30

✖ 32

Question Number : 72 Question Id : 3675233321 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 a task in 8 days while B can complete the same task in 12 days. A and B worked together for 4 days. C completed the remaining work in 3 days. If the total wages paid to the three to complete the task is ₹ 6,300, the share of A exceeds the share of C by:

Options :

✖ ₹ 1,050

✔ ₹ 2,100

✖ ₹ 2,625

✖ ₹ 3,150

Question Number : 73 Question Id : 3675233322 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 ratio of a field that is in the shape of an equilateral triangle of side 80 m to a square-shaped field where diagonal length is also 80 m?

Options :

✖ $\sqrt{3} : 1$

✔ $\sqrt{3} : 2$

✖ 2 : 3

✖ 3 : 2

Question Number : 74 Question Id : 3675233323 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A regular hexagon of side 6 cm is inscribed in a circle. The area (in cm^2) of the region in the circle that is outside the hexagon is closest to (use $\pi = 3.14$):

Options :

✖ 18.5

✖ 19.4

✔ 19.5

✖ 20.4

Question Number : 75 Question Id : 3675233324 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The length of a room is two times its height while its breadth is $1\frac{1}{2}$ times its height. The cost of painting the walls at the rate of ₹ 16 per m^2 is ₹ 1,792. What is the cost of tiling the floor at ₹ 132.5 per m^2 ?

Options :

✖ ₹ 6,630

✖ ₹ 4,770

✖ ₹ 5,300

✔ ₹ 6,360

Question Number : 76 Question Id : 3675233325 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A solid metallic right circular cylinder of base diameter 16 cm and height 2 cm is melted and recast into a right circular cone of height three times that of the cylinder. What is the curved surface area (in cm^2) of the cone? (Take $\pi = 3.14$)

Options :

✖ 248.4

✖ 249.6

✔ 251.2

✖ 254.4

Question Number : 77 Question Id : 3675233326 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 will complete the below number series.

2, 5, 10, 17, 28, 41, ?

Options :

✖ 55

✖ 56

✖ 57

✔ 58

Question Number : 78 Question Id : 3675233327 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 tenth term in the below series:

$-3, -5, -7, ?$

Options :

✖ -19

✔ -21

✖ -23

✖ -25

Question Number : 79 Question Id : 3675233328 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Two minutes and six seconds is what percent of one hour?

Options :

✔ 3.5%

✖ 3%

✖ 4.5%

✖ 4%

Question Number : 80 Question Id : 3675233329 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If $\sqrt{7921} = 89$, then what will be the value of $\sqrt{79.21} + \sqrt{0.7921} + \sqrt{0.00007921}$?

Options :

✖ 9.89

✖ 9.8079

✔ 9.7989

✖ 98.879

General English

Section Id :	367523126
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:	367523144
Question Shuffling Allowed :	Yes

Question Number : 81 Question Id : 3675233330 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 that indicates the change of voice.

The project report should be submitted for review by the end of the week.

Options :

- ✖ The project report is submitted for review by the end of the week.
- ✔ You should submit the project report for review by the end of the week.
- ✖ The project report must be submitted for review by the end of the week.
- ✖ You are asked to submit the project report for review by the end of the week.

Question Number : 82 Question Id : 3675233331 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Complete the sentence choosing the most appropriate option.

The speaker instructed the members not to cut in _____.

Options :

- ✗ where the minister was speaking
- ✗ wherein the minister was working
- ✓ when the minister was speaking
- ✗ why the minister was working

Question Number : 83 Question Id : 3675233332 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 appropriate option to fill in the blank.

_____ the crime was discovered, he was sent to jail.

Options :

- ✗ Until
- ✗ While
- ✓ When
- ✗ Although

Question Number : 84 Question Id : 3675233333 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the sentence choosing the most appropriate option.

If the management were to go back on their promises, there _____ a strike.

Options :

- ✗ is
- ✓ would be
- ✗ was
- ✗ was being

Question Number : 85 Question Id : 3675233334 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 complete the following sentence.

Ravi realised that shipping was a rich field to exploit, _____ trade between nations was increasing and there was a need for more cargo vessels.

Options :

✗ however

✗ though

✓ because

✗ whereas

Question Number : 86 Question Id : 3675233335 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 complete the following sentence.

Rockefeller, at the age of 50, turned his focus towards humanity and _____ he established a foundation for the well-being of mankind.

Options :

✗ finally

✓ subsequently

✗ because

✗ since

Question Number : 87 Question Id : 3675233336 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 complete the following sentence.

_____ his intelligence and hard work, he failed in the interview.

Options :

✓ Despite

✗ In spite

✗ Though

✖ With respect to

Question Number : 88 Question Id : 3675233337 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 set of prepositions to fill in the blanks.

The leader impressed _____ us the value of our self-image. We were impressed _____ what he said about rights.

Options :

✖ with, with

✔ on, with

✖ with, by

✖ by, on

Question Number : 89 Question Id : 3675233338 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 set of prepositions to fill in the blanks.

Though he descended _____ a noble family, he was definitely not a descendant _____ a king.

Options :

✖ by, of

✖ for, to

✖ from, to

✔ from, of

Question Number : 90 Question Id : 3675233339 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank with the most suitable option.

Her means _____ because of the heavy loss in business.

Options :

✖ was much reduced

✓ were much reduced

✗ about, with

✗ reduces

Question Number : 91 Question Id : 3675233340 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:

NUANCES

Options :

✗ Chances

✗ Opportunities

✗ Choices

✓ Shades

Question Number : 92 Question Id : 3675233341 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:

MITIGATE

Options :

✗ Militate

✗ Mutilate

✓ Lighten

✗ Heighten

Question Number : 93 Question Id : 3675233342 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 word from the options that is farthest/ opposite in meaning to the given word:

SURMISE

Options :

✓ Truth

✗ Conjecture

✗ Suppose

✗ Assumption

Question Number : 94 Question Id : 3675233343 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 given sentence from the given options.

He was really tired of finishing all the accounts for auditing as he did not hit the sack for more than 36 hours.

Options :

✗ Did not hit the hay

✓ Did not sleep

✗ Did not have time to enjoy nature

✗ Did not have fun

Question Number : 95 Question Id : 3675233344 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 given sentence from the given options.

By the time the bankruptcy was exposed it is said that the MD had his finger in the pie.

Options :

✗ He was enjoying the pie despite the bankruptcy.

✗ He could not think of the problem because of the pie.

✗ He did not have anything to do with the problem.

✓ He was deeply involved in the bankruptcy.

Question Number : 96 Question Id : 3675233345 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 option that is closest in meaning to the given phrase:

To be inactive.

Options :

✓ Dormant

✗ Vibrant

✗ Fanatical

✗ Despotie

Question Number : 97 Question Id : 3675233346 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 option that is closest in meaning to the given phrase.

A false belief or an idea.

Options :

✗ Correction

✗ Illumination

✓ Illusion

✗ Derision

Question Number : 98 Question Id : 3675233347 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 option that is closest in meaning to the given phrase.

Persons who assist an important person.

Options :

✗ AIDS

✗ Aids

✗ Maidens

✓ Aides

Question Number : 99 Question Id : 3675233348 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 that 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.

The jury have appended an extra verdict to the earlier one because of the new evidence.

Options :

- ☐ The jury has been appended
- ☐ The juries are appended
- ☒ The jury has appended
- ☐ No change required

Question Number : 100 Question Id : 3675233349 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.

When crossing the Atlantic Ocean, the ship with its crew were lost.

Options :

- ☐ the ship and its crew was lost.
- ☒ the ship with its crew was lost.
- ☐ the ship with its crew are lost.
- ☐ No change required.