Ssc Cgl Tier I Previous Year Question Paper Overview

Here, you can solve all the questions asked in Ssc Cgl Tier I Previous Year Question Paper on 2020-03-09 in the Evening exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Ssc Cgl Tier I exam. There are 100 questions in the exam and 60 minutes are provided for the Ssc Cgl Tier I exam. The Cutoff of the exam was 140 marks hence you should try to score at least 150 marks.

Ssc Cgl Tier I Previous Year Question Paper : Questions and Solutions

Question 1 :

'Family' is related to 'Upbringing' in the same way as 'School' is related to '_____'.

Difficulty : Moderate   **Average Time : 44 Seconds**

Options :

1. Curriculum

2. Education

3. Parents

4. Children

Solution :

The correct answer is **option 2** i.e. **Education.**

Understanding	Application
Family is there to prepare children for life under existing social conditions.	Similarly, School is there to formally educate to acquire new skills or knowledge.

Question 2 :

The distance between two stations, A and B, is 575 km. A train starts from station 'A' at 3:00 p.m and moves towards station 'B' at an average speed of 50 km/h. Another train starts from station 'B' at 3:30 p.m. and moves towards station 'A'

at an average speed of 60 km/h. How far from the station 'A' will the trains meet?

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. 225 km

2. 275 km

3. 300 km

4. 325 km

Solution :

The correct answer is **Option 2** i.e **275 km**

The distance between two stations, A and B, is 575 km.

Speed of train A = 50 km/h & Speed of train B = 60 km/h

Train A starts from station 'A' at 3:00 p.m. So, distance covered in 30 min = 25 km/h

Now, the total distance between train A and train B at 3:30 = 575 - 25 = 550 km

The trains will meet after = 550/(50 + 60) = 5 hours.

So, the distance from station A = 25 + 5 × 50 = 275 km

Question 3 :
Four letter-cluster have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. DPG

2. CIF

3. EYH

4. BFF

Solution :

The correct answer is **option 4** i.e **BFF.**

Understanding
Third letter = First letter + 3
DPG = D + 3 = G
CIF = C + 3 = F
EYH = E + 3 = H
BFF = B + 3 = E
But here In cluster 4, F is mentioned.
So here it is the odd one out.

Question 4 :
In the triangle, if AB = AC and ABC = 72⁰, then BAC is:

Difficulty : Moderate   **Average Time : 57 Seconds**

Options :

1. 36⁰

2. 54⁰

3. 18⁰

4. 30⁰

Solution :
The correct answer is **Option 1** i.e **36⁰**

In the â–³ABC,

If AB = AC, then ABC = ACB = 72⁰. (Property of isosceles triangle)

So,

BAC = 180⁰ - (72⁰ + 72⁰)

 = 180⁰ - 144⁰

 = 36⁰

Question 5 :
Who among the following publishes the Economic Survey of India?

Difficulty : Moderate

Average Time : 42 Seconds

Options :

1. National Development Council

2. Ministry of Finance

3. Institute of finance

4. Indian Statistical Institute

Solution :

The correct option is **option 2** i.e. **Ministry of Finance**

Economic Survey of India	The Survey is prepared by the team headed by the Chief Economic Advisor in the Ministry of Finance.
	For more than three-fourths of known economic history, India has been the dominant economic power globally, a major wealth creator and a significant contributor to the world's GDP.

Question 6 :

_____ became the Prime Minister of Bhutan in November 2018.

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Lyonchhen Lotay Tshering

2. Lyonchhen Jigme Thinley

3. Lyonpo Sonam Tobgye

4. Lyonpo Sangay Ngedup

Solution :

The correct option is **option 1** i.e. **Lyonchhen Lotay Tshering**

Lyonchhen Lotay Tshering	**Lotay Tshering is a Bhutanese politician and doctor who is the current Prime Minister of Bhutan, in office since 7 November 2018.**
	He has also been the president of Druk Nyamrup Tshogpa since 14 May 2018.

Question 7 :

'Kiribath' is a rice dish from _____.

Difficulty : Moderate   Average Time : 48 Seconds

Options :

1. Myanmar

2. Bhutan

3. Nepal

4. Sri Lanka

Solution :

The correct option is **option 4** i.e. **Sri Lanka.**

Kiribati	**Kiribath is a traditional Sri Lankan dish made from rice.**
	Kiribath is an essential dish in Sri Lankan cuisine.
	It is prepared by cooking rice with coconut milk, hence this name, and can be considered a form of rice cake or rice pudding.

Question 8 :

Name the Indian elected to the International Narcotics Control Board by the UN Economic and Social Council on 23 April 2014 and re-elected by the Council for a 5- year term (2020-2025) on 7 May 2019.

Difficulty : Moderate   Average Time : 58 Seconds

Options :

Sudhir Rajkumar

2. Jagjit Pavadia

3. Syed Akbaruddin

4. Yasmin Ali Haque

Solution :

The correct option is **option 2** i.e. **Jagjit Pavadia**

Jagjit Pavadia	India's **Jagjit Pavadia** re-elected to International Narcotics Control Board. In a significant victory, India's Jagjit Pavadia was re-elected to the International Narcotics Control Board (INCB) for another term, posting the highest number of votes at 44.
	The Economic and Social Council (ECOSOC) held elections by secret ballot yesterday, with 15 candidates in the fray for five seats.

Question 9 :

Who among the following was a famous 'Qawwali' singer?

Difficulty : Moderate   **Average Time : 56 Seconds**

Options :

1. Nazia Hassan

2. Begum Akhtar

3. Nusrat Fateh Ali Khan

4. Bade Ghulam Ali Khan

Solution :

The correct option is **option 3** i.e. **Nusrat Fateh Ali Khan**

| Nusrat Fateh Ali Khan | **Nusrat Fateh Ali Khan, born Pervez Fateh Ali Khan, was a Pakistani vocalist, musician and music director primarily a singer of Qawwali,** a form of Sufi Islamic devotional music. |
| | He was described as the 4th greatest singer of all time by LA Weekly in 2016. |

Question 10 :

The last recognised king of the Gupta dynasty was _____.

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. Samudragupta

2. Bimbisara

3. Ashoka

4. Vishnugupta

Solution :

The correct answer is **option 4** i.e. **Vishnugupta.**

| Vishnugupta | The succession of the 6th-century Guptas is not entirely clear, but the tail end recognised ruler of the mainline was king Vishnugupta, reigning from 540 to 550. |
| | His reign lasted 10 years, from 540 to 550 CE. |

Question 11 :

In _____ economies, all productive resources are owned and controlled by the government.

Difficulty : Moderate   **Average Time : 46 Seconds**

Options :

1. dual

2. socialist

3. mixed

captitalist

Solution :

The correct option is **option 2** i.e. **Socialist.**

Socialist economy	A **socialist economy** is a system of production where goods and services are produced directly for use, in contrast to a capitalist **economic** system, where goods and services are produced to generate profit (and therefore indirectly for use), therefore creating competition in the market.
	It means that production under **socialism** would be directly and solely for use.

Question 12 :

The birth anniversary of _____ is celebrated as 'International Nurses Day' every year.

Difficulty : Moderate   **Average Time : 56 Seconds**

Options :

1. Florence Nightingale

2. Alice Walker

3. Clara Barton

4. Mother Teresa

Solution :

The correct option is **option 1** i.e. **Florence Nightingale**

International Nurses Day	International Nurses Day is an international day observed around the world on 12 May of each year, to mark the contributions that nurses make to society helping and caring for patients.

	In January 1974, **12 May was chosen to celebrate the day** as it is the anniversary of the **birth of Florence Nightingale, the founder of modern nursing.**

Question 13 :

The city of _____ is located at the mouth of the Yangtze River.

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Beijing

2. Guangzhou

3. Shanghai

4. Lhasa

Solution :

The correct option is **option 3** i.e. **Shanghai.**

Yangtze River	**Shanghai - China's largest city - is located south of the Yangtze mouth** and the 1000-km-long navigable stretch of the Yangtze west of it is a zone of major economic activity.
	The Yangtze or Yangzi is the longest river in Asia, the third-longest in the world, and the longest in the world to flow entirely within one country.

Question 14 :

As of December 2019, _____ was the largest crude oil supplier to India.

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. Iraq

Saudi Arabia

3. United Arab Emirates

4. Iran

Solution :

The correct option is **option 1** i.e. **Iraq.**

Iraq	Iraq maintained its position as the **largest crude oil supplier to India in 2018-2019**, supplying more than 46.61 Million Tonne (MT) of **crude oil** last financial year ended March **2019**, official data sourced from Directorate General of Commercial Intelligence and Statistics (DGCIS) showed.
	India imports nearly 83% of the **oil** it consumes, making it one of the biggest importers of **oil** in the world.

Question 15 :

In October 2019, _____ was appointed as the secretary of the Board of Control for Cricket in India (BCCI).

Difficulty : Moderate   **Average Time : 62 Seconds**

Options :

1. Brijesh Patel

2. Sourav Ganguly

3. Jay Shah

4. Jayesh George

Solution :

The correct option is **option 3** i.e. **Jay Shah.**

Jay Shah	**Jay Amit Shah is an Indian businessman and cricket administrator.**
	In October 2019, he became the secretary of the Board of Control for Cricket in India.

Question 16 :

1 horsepower = approximately _____ watts

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. 746

2. 764

3. 647

4. 674

Solution :

The correct option is **option 1** i.e. **746.**

1 Horsepower	**The electrical equivalent of one horsepower is 746 watts in the International System of Units (SI),** and the heat equivalent is 2,545 BTU (British Thermal Units) per hour.
	Another unit of power is the metric **horsepower**, which equals 4,500 kilogram-metres per minute (32,549 foot-pounds per minute), or 0.9863 **horsepower**.

Question 17 :

Which of the following countries is NOT a member of the SAARC Association?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. Pakistan

2. Nepal

3. China

4. Bhutan

Solution :

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The correct answer is **option 3** i.e. **China.**

SAARC	The regional organization **South Asian Association for Regional Cooperation (SAARC)** was **established on December 8, 1985.**
	There were initially seven member states that are mainly located in South Asia, i.e. Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka.

Question 18 :

The process of coating grooves or engravings in ornaments with coloured enamels is called _____.

Difficulty : Moderate   **Average Time : 49 Seconds**

Options :

1. Phulkari

2. Zardozi

3. Chikankari

4. Meenakari

Solution :

The correct option is **option 4** i.e. **Meenakari**

Meenakari	**It is the process of painting and colouring the surfaces of metals and ceramic tiles through enamelling.**
	It is practised as an art form and commercially produced mainly in Iran, Pakistan and India.

Question 19 :

Who was the first Indian to receive the International Shooting Sport Federation (ISSF) Blue Cross?

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

Ronjan Sodhi

2. Vijay Kumar

3. Gagan Narang

4. Abhinav Bindra

Solution :

The correct answer is **option 4** i.e. **Abhinav Bindra.**

Abhinav Bindra	• India's Olympic and world champion shooter Abhinav Bindra has been conferred the sport's highest honour for his outstanding services as the chairman of the International Shooting Sport Federation's Athletes Committee. • The 40-year-old Bindra, who remains India's lone individual Olympic gold medallist, has been bestowed with the Blue Cross, the ISSF's highest award.

Question 20 :

Which of the following is NOT a part of the brain?

Difficulty : Moderate   **Average Time : 54 Seconds**

Options :

1. Medulla

2. Thalamus

3. Pons

4. Pinna

Solution :

The correct option is **option 4** i.e. **Pinna**

Pinna	**The pinna is the only visible part of the ear (the auricle) with its special helical shape.**
	It is the first part of the ear that reacts with sound.
	The function of the **pinna** is to act as a kind of funnel that assists in directing the sound further into the ear.

Question 21 :

As of January 2020, which of the following countries had NOT independently launched a human into space?

Difficulty : Moderate   **Average Time : 57 Seconds**

Options :

1. India
2. USA
3. Russia
4. China

Solution :

The correct option is **option 1** i.e. **India**

India	**India has not been able to send an independent human space mission yet.**
	India's space agency says that four astronaut candidates have been selected for its first **human** mission, targeted to launch by 2022, but they've not been publicly named or identified.
	On April 2, 1984, **Indian** Air Force pilot Rakesh Sharma made history by becoming the first **Indian** to travel to **space**.

Question 22 :

The first ruler of Magadha from the Haryanka dynasty was _____.

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. Ashoka

2. Prasenajit

3. Bimbisara

4. Ajatshatru

Solution :

The correct option is **option 3** i.e. **Bimbisara.**

Bimbisara	**The Hindu Mahabharata calls Bimbisara the first ruler of Magadha.**
	King Bimbisara of the Haryanka dynasty led an active and expansive policy, conquering the Kingdom of Anga in what is now West Bengal

Question 23 :

The _____ helps in equalising the pressure on either side of the eardrum.

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. cochlear nerve

2. malleus

3. eustachian tube

4. incus

Solution :

The correct option is **option 3** i.e. **eustachian tube**

Eustachian tube	**The eustachian tube is a canal that connects the middle ear to the nasopharynx, which consists of the upper throat and the back of the nasal cavity.**
	It controls the pressure within the middle ear, making it equal to the air pressure outside the body.

Question 24 :

Calcium sulphate dihydrate is commonly known as _____.

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. gypsum

2. glass

3. asbestos

4. limestone

Solution :

The correct option is **option 1** i.e. **Gypsum.**

Gypsum	**Gypsum is the name given to a mineral categorized as calcium sulfate mineral, and its chemical formula is calcium sulfate dihydrate.**
	It is widely mined and is used as a fertilizer and as the main constituent in many forms of plaster, blackboard/sidewalk chalk, and drywall

Question 25 :

_____, the world's highest polo ground, is located in Pakistan.

Difficulty : Moderate

Average Time : 51 Seconds

Options :

   Kasur

2. Attock

3. Shandur

4. Okara

Solution :

The correct option is **option 3** i.e. **Shandur.**

Shandur	**Shandur Top, situated in Gilgit, Pakistan and called "Roof of the world" is at an elevation of 12,200ft.**
	The tribes from the regions of Gilgit-Baltistan and Chitral meet **at** the **Shandur** pass every summer.
	The **polo** ground is adjacent to **Shandur** lake.

Question 26 :

The Gupta rulers imposed a fine called _____ which was a plough tax paid by every cultivator owning a plough.

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. Hiranya

2. Sulka

3. Halivakara

4. Kara

Solution :

The correct option is **option 3** i.e. **Halivakara.**

Halivakara	**Halivakara is a kind of tax in the Gupta era. Halivakara was a plough tax, paid by every cultivator owning a plough.**

	Some of its taxes include Bali, Bhoga, etc.

Question 27 :

_____ is the largest city in Sri Lanka.

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Colombo

2. Negombo

3. Kandy

4. Jaffna

Solution :

The correct option is **option 1** i.e. **Colombo.**

Colombo	**Colombo is the commercial capital and largest city of Sri Lanka by population.**
	According to the Brookings Institution, the Colombo metropolitan area has a population of 5.6 million, and 752,993 in the city proper.
	It is the financial center of the island and a tourist destination.

Question 28 :

Hiuen Tsang hailed as the prince of pilgrims visited India during the reign of king _____.

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Ashoka

2. Vishnugupta

3. Samudragupta

4. Harsha

Solution :

The correct option is **option 4** i.e. **Harsha.**

Hieun Tsang	He was a Chinese Buddhist monk, scholar, traveller, and translator who travelled to India in the seventh century and described the interaction between Chinese Buddhism and Indian Buddhism during the early Tang dynasty.
	The **Chinese traveller, Hiuen Tsang, who visited India during his reign, has given a vivid description of the social, economic and religious conditions, under the rule of Harsha** spoke highly of the king.

Question 29 :

Lucifer is another name for the planet _____.

Difficulty : Moderate   Average Time : 55 Seconds

Options :

1. Jupiter

2. Saturn

3. Venus

4. Mars

Solution :

The correct option is **option 3** i.e. **Venus.**

Venus	In classical mythology, **'Lucifer'** was the name of the planet Venus, though it was often personified as a male figure bearing a torch.

	As the second-brightest natural object in Earth's night sky after the Moon, Venus can cast shadows and can be, on rare occasions, visible to the naked eye in broad daylight.

Question 30 :

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No Improvement'. My shoes were worn out so I had to buy a new one.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. a new ones

2. No Improvement

3. the new one's

4. new ones

Solution :

The correct answer is option 4 i.e. new ones.

- As "shoes" is used in the plural form we need to use a pronoun for it in plural form as well.
- Hence we need to use "**ones**" at the place of "**one**".
- Article **A** or **AN** is not used before a plural noun.
- The chosen option follows these rules correctly hence, it will be correct.

The correct sentence will be-

My shoes were worn out so I had to buy new ones.

Question 31 :

Select the option that expresses the given sentence in reported speech. She said to me, "What time is your flight tomorrow?"

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. She asked me what time is my flight the next day.

2. She asked me that what time was my flight tomorrow.

She asked me what time my flight was the following day.

4. She asked me what time my flight will be the next day.

Solution :

The correct answer is option 3 i.e. She asked me what time my flight was the following day.

- As the reported speech is in "Interrogative sentence" we need to make changes according to this.
- There will be a change in the reporting verb and it will be changed into "asked".
- The inverted comma will be changed into "what".
- Tense of the reported speech will be changed into "Past Tense".
- The reported speech will be kept in the assertive structure.

As all the rules are followed by the chosen option it will be correct.

Question 32 :
Select the INCORRECTLY spelt word.

Difficulty : Moderate   **Average Time : 67 Seconds**

Options :
1. Pierce

2. Piteous

3. Pursue

4. Patrner

Solution :

The correct answer is option 4 i.e. **Patrner**.

Its correct spelling is '**Partner**'.

Let's have a look at the meaning of the given words.

1. **Pierce**- to make a hole in something with a sharp point.
2. **Piteous**- that makes you feel pity or sadness.
3. **Pursue**- to follow somebody/something in order to catch him/her/it.
4. **Partner**- the person that you are married to or live with as if you are married.

 As the chosen option is incorrectly spelt word it will be the correct choice.

Question 33 :
Select the INCORRECTLY spelt word.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Nuisance

2. Negligible

3. Negociate

4. Necessary

Solution :

The correct answer is option 3 i.e. **Negociate**.

Its correct spelling is '**Negotiate**'.

Let's have a look at the meaning of the given words-

1. **Nuisance**- a person, thing or situation that annoys you or causes you trouble.
2. **Negligible**- very small and therefore not important.
3. **Negotiate**- to talk to somebody in order to decide or agree about something.
4. **Necessary**- that is needed for a purpose or a reason.

Question 34 :

Select the most appropriate meaning of the given idiom. Blow one's own trumpet

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Condemn others

2. Praise oneself

3. Follow others

4. Be self-reliant

Solution :

The correct answer is option 2 i.e. **Praise oneself.**

The meaning of the given idiom is-

Blow one's own trumpet- talk boastfully about one's achievements.

As the meaning of the given idiom is as same as the chosen option it will be correct.

Question 35 :
In the sentence identify the segment which contains the grammatical error. Deepa walked down the road slowly without looking anybody.

Difficulty : Moderate   **Average Time : 46 Seconds**

Options :

1. down the road

2. Deepa walked

3. looking anybody

4. slowly without

Solution :
The correct answer is option 3 i.e. **looking anybody.**

1. The error lies in this segment of the statement because of the missing "**Preposition**" in between those two words.
2. We need to use the preposition "at" after the word "looking" to make the statement grammatically correct.

Grammatical concept:-

- The verb "look" is followed by the preposition 'at'.

The correct sentence will be-

- **Deepa walked down the road slowly without looking at anybody.**

Hence, the chosen option is correct.

Comprehension :
In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Watermelon is thought to have originated in Africa's Kalahari Desert. Believe it (1)_____ not, the first recorded watermelon harvest (2)_____ nearly 5000 years ago in Egypt and is (3)_____ in Egyptian hieroglyphics on the walls of their (4)_____ buildings. This fruit was often placed (5)_____ the burial tombs of kings to provide nourishment in the afterlife.

Question 36 :
Select the most appropriate option to fill in blank 1.

Difficulty : Moderate   **Average Time : 82 Seconds**

Options :

and

2. but

3. if

4. or

Solution :

The correct answer is option 4 i.e. **or**.

- As the first part of the statement is positive and the second part is negative it means it is giving an alternative.
- "**or**" is used to show alternative hence it will suit the paragraph meaningfully and grammatically hence it will be correct.

Comprehension :

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Watermelon is thought to have originated in Africa's Kalahari Desert. Believe it (1)_____ not, the first recorded watermelon harvest (2)_____ nearly 5000 years ago in Egypt and is (3)_____ in Egyptian hieroglyphics on the walls of their (4)_____ buildings. This fruit was often placed (5)_____ the burial tombs of kings to provide nourishment in the afterlife.

Question 37 :

Select the most appropriate option to fill in blank 2.

Difficulty : Moderate   **Average Time : 65 Seconds**

Options :

1. contained

2. produced

3. occurred

4. discovered

Solution :

The correct answer is option 3 i.e. **occurred**.

Let's have a look at the meaning of the given words-

1. **contained**- to have something inside or as part of itself.
2. **produced**- to make something to be sold, especially in large quantities.
3. **occurred**- to happen, especially in a way that has not been planned.

discovered- to find or learn something that nobody had found or knew before.

Meaningfully, only the chosen option suits the context of the paragraph, hence it will be correct.

Comprehension :
In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Watermelon is thought to have originated in Africa's Kalahari Desert. Believe it (1)_____ not, the first recorded watermelon harvest (2)_____ nearly 5000 years ago in Egypt and is (3)_____ in Egyptian hieroglyphics on the walls of their (4)_____ buildings. This fruit was often placed (5)_____ the burial tombs of kings to provide nourishment in the afterlife.

Question 38 :
Select the most appropriate option to fill in blank 3.

Difficulty : Moderate   Average Time : 79 Seconds

Options :
1. directed
2. distributed
3. depicted
4. diverted

Solution :
The correct answer is option 3 i.e. **depicted**.

Let's have a look at the meaning of the given words-

1. **directed**- to point or send something towards somebody/something or in a particular direction.
2. **distributed**- to give things to a number of people.
3. **depicted**- to show somebody/something in a painting or drawing.
4. **diverted**- to change the direction or purpose of somebody/something, especially to avoid a problem.

The statement says that it has been recorded in history and this meaning is shown by the chosen option.

Hence, it will be correct.

Comprehension :
In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Watermelon is thought to have originated in Africa's Kalahari Desert. Believe it (1)_____ not, the first recorded watermelon harvest (2)_____ nearly 5000 years ago in Egypt and is (3)_____ in Egyptian hieroglyphics on the walls of their (4)_____ buildings. This fruit was often placed (5)_____ the burial tombs of

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kings to provide nourishment in the afterlife.

Question 39 :
Select the most appropriate option to fill in blank 4.

Difficulty : Moderate   Average Time : 83 Seconds

Options :
1. obsolete
2. ancient
3. elderly
4. outdated

Solution :
The correct answer is option 2 i.e. **ancient**.

Let's have a look at the meaning of the given words-
1. **obsolete**- no longer useful because something better has been invented.
2. **ancient**- belonging to a period of history that is thousands of years in the past.
3. **elderly**- (used about a person) old.
4. **outdated**- not useful or common anymore; old-fashioned.

This paragraph is related to a very past story so we need to choose a word showing the same meaning.

The chosen option shows the meaning related to the past time hence it will suit the context of the passage and will be correct.

Hence, the chosen option is correct.

Comprehension :
In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. Watermelon is thought to have originated in Africa's Kalahari Desert. Believe it (1)_____ not, the first recorded watermelon harvest (2)_____ nearly 5000 years ago in Egypt and is (3)_____ in Egyptian hieroglyphics on the walls of their (4)_____ buildings. This fruit was often placed (5)_____ the burial tombs of kings to provide nourishment in the afterlife.

Question 40 :
Select the most appropriate option to fill in blank 5.

Difficulty : Moderate   Average Time : 87 Seconds

Options :

1. along

2. with

3. in

4. after

Solution :

The correct answer is option 3 i.e. **in**.

- The noun used after the blank space is "tomb" which gives a sense of inside so "in" will be the only option to suit this context of the paragraph.
- Hence, the chosen option will be correct.

Question 41 :

Select the option that expresses the given sentence in passive voice. Martin drew a picture of the snow-capped mountains.

Difficulty : Moderate   Average Time : 44 Seconds

Options :

1. A picture of the snow-capped mountains is being drawn by Martin.

2. A picture of the snow-capped mountains is drawn by Martin.

3. A picture of the snow-capped mountains was drawn by Martin.

4. A picture of the snow-capped mountains has been drawn by Martin.

Solution :

The correct answer is option 3 i.e. **A picture of the snow-capped mountains was drawn by Martin.**

Active voice- subject + v2 + object + other words.

Passive voice - Object + was/were + v3 + by + subject + other words.

As the chosen option follows this structure it will be correct.

Question 42 :

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No Improvement'. He sing always when he is having a shower.

Difficulty : Moderate   Average Time : 61 Seconds

Options :

1. He always sing

2. Always he is singing

3. He always sings

4. No Improvement

Solution :

The correct answer is option 3 i.e. **He always sings.**

- An adverb sowing "**frequency of action**" is used before the main verb/auxiliary verb.
- In the given statement "always" is used to show frequency hence we need to keep it before "sings".
- The verb should be in the singular form as the subject is singular.
- The chosen option improves the statement well as it follows the given rules.

The correct sentence will be-

<u>He always</u> <u>sings</u> when he is having a shower.

Question 43 :

Select the SYNONYM of the given word. IMPLORE

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. Honour

2. Plead

3. Command

4. Refuse

Solution :

The correct answer is option 2 i.e. **Plead**.

1. **Implore**- to ask somebody with great emotion to do something, because you are in a very serious situation.
2. **Honour**- the respect from other people that a person, country, etc. gets because of high standards of behaviour and moral character.
3. **Plead**- to ask somebody for something in a very strong and serious way.
4. **Command**- an instruction given to a computer.
5. **Refuse**- to say or show that you do not want to do, give, or accept something.

As the chosen option expresses the best meaning of the given word it will be correct.

Question 44 :
Select the ANTONYM of the given word. VIGILANT

Difficulty : Moderate   **Average Time : 62 Seconds**

Options :
1. Cautious
2. Alert
3. Rash
4. Wary

Solution :
The correct answer is option 3 i.e. **Rash**.

Let's have a look at the meaning of the given words-
1. **Vigilant**- careful and looking out for danger.
2. **Cautious**- taking great care to avoid possible danger or problems.
3. **Alert**- watching, listening, etc. for something with all your attention.
4. **Rash**- acting or tending to act too hastily or without due consideration.
5. **Wary**- careful because you are uncertain or afraid of somebody/something.

As the chosen option expresses the opposite meaning of the given word it will be correct.

Question 45 :
Select the ANTONYM of the given word. FLEXIBLE

Difficulty : Moderate   **Average Time : 60 Seconds**

Options :
1. Supple
2. Stiff
3. Stale
4. Soft

Solution :
The correct answer is option 2 i.e. **Stiff**.

Let's have a look at the meaning of the given words-

1. **Flexible**- able to bend or move easily without breaking.
2. **Supple**- that bends or moves easily; not stiff.
3. **Stiff**- (used about material, paper, etc.) firm and difficult to bend or move.
4. **Stale**- (used about food or air) old and not fresh anymore.
5. **Soft**- not hard or firm.

As the chosen option expresses the opposite meaning of the given word it will be correct.

Question 46 :
In the sentence identify the segment which contains the grammatical error. Everything that I like to eat are fattening.

Difficulty : Moderate   **Average Time : 62 Seconds**

Options :
1. Everything that
2. are fattening
3. I like
4. to eat

Solution :
The correct answer is option 2 i.e. **are fattening**.

1. The error lies in this segment of the statement because of the wrong use of "Subject Verb Agreement".
2. We need to replace "**are**" with "**is**" for making the statement grammatically correct.

Grammatical concept:-

- **"Everything/everyone/everybody/anything/anyone/anybody/something/somebody/someone"** is considered singular so we need to use singular verb for it.
- As in the given statement subject is "everything" that is singular we need to use the singular verb for it.
- Hence the chosen option will be correct.

The correct sentence will be-

Everything that I like to eat is fattening.

Question 47 :
Select one word for the following group of words. A person very reserved in speech

Difficulty : Moderate   **Average Time : 68 Seconds**

Options :

1. Confident

2. Reticent

3. Adamant

4. Eloquent

Solution :

The correct answer is option 2 i.e. **Reticent**.

Let's have a look at the meaning of the given words-

1. **Confident**- feeling or showing that you are sure about your own abilities, opinions, etc.
2. **Reticent**- not wanting to tell people about things.
3. **Adamant**- very sure; refusing to change your mind.
4. **Eloquent**- able to use language and express your opinions well, especially when you speak in public.

As the chosen option expresses the meaning of the given group of words it will be correct.

Question 48 :

Select the most appropriate meaning of the given idiom. Spill the beans

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. Waste money

2. Work hard

3. Perform magic

4. Give away a secret

Solution :

The correct answer is option 4 i.e. **Give away a secret.**

The meaning of the given idiom is-

Spill the beans- to tell a person about something that should be a secret

As the meaning of the given idiom is as same as the chosen option it will be correct.

Question 49 :

Select the most appropriate option to fill in the blank. The students went to their _____ classes after the morning

assembly.

Difficulty : Moderate   **Average Time : 48 Seconds**

Options :

1. respective

2. respectable

3. respectful

4. respected

Solution :

The correct answer is option 1 i.e. **respective**.

Let's have a look at the meaning of the given words-

1. **respective**- belonging separately to each of the people who have been mentioned.
2. **respectable**- considered by society to be good, proper or correct.
3. **respectful**- showing admiration for someone or something:
4. **respected**- to admire or have a high opinion of somebody/something.

It is a fact that students of the different classes will go to their classes.

- The same meaning is shown by the chosen option hence it will suit the context of the statement.

The correct sentence will be-

The students went to their respective classes after the morning assembly.

Question 50 :
Select one word for the following group of words. A place where clothes are kept

Difficulty : Moderate   **Average Time : 68 Seconds**

Options :

1. Coffin

2. Hangar

3. Shaft

4. Wardrobe

Solution :

The correct answer is option 4 i.e.**Wardrobe**.

Let's have a look at the meaning of the given words-

1. **Coffin**- a box in which a dead body is buried or burned (cremated).
2. **Hangar**- a big building where planes are kept.
3. **Shaft**- a long, narrow hole in which something can go up and down or enter or leave.
4. **Wardrobe**- a large cupboard in which you can hang your clothes.

As the chosen option expresses the meaning of the given group of words it will be correct.

Question 51 :
Select the SYNONYM of the given word. GLORIOUS

Difficulty : Moderate   Average Time : 58 Seconds

Options :

1. Gentle

2. Unusual

3. Enormous

4. Splendid

Solution :
The correct answer is option 4 i.e. **Splendid**.

Let's have a look at the meaning of the given words-

1. **gentle**- (used about people) kind and calm; touching or treating people or things in a careful way so that they are not hurt.
2. **unusual**- not expected or normal.
3. **enormous**- very big or very great.
4. **splendid**- very good; excellent.
5. **Glorious**- having or deserving fame or success.

As the chosen option expresses the best meaning of the given word it will be correct.

Question 52 :
Given below are four jumbled sentences. Select the option that gives their correct order. A. He then called out to the people but by then only a red glow was visible in the sky. B. At first, he thought it was a stuck kite. C. Bheema was visiting his fields when he spotted a rising disc-shaped object. D. But when it started rising higher and emitted light, he was shocked.

Difficulty : Moderate

Average Time : 75 Seconds

Options :

1. CBDA

2. BDAC

3. BACD

4. CDAB

Solution :

The correct answer is option 1 i.e. **CBDA**.

- **The easiest way of solving the para jumble is to find a pair of statements or opening statement.**
- "Bheema" is the theme of the paragraph and it is introduced by statement C hence it will be the opening statement.
- Statement B is talking about "disc-shaped object" and statement B explains it hence B will come after C.
- "First he became shocked then he called out the people" this will be the sequence of the statement D & A.
- Now we have the final arrangement i.e. **CBDA**.

The chosen option is as same as the final arrangement hence it will be correct.

Question 53 :

Given below are four jumbled sentences. Select the option that gives their correct order. A. It requires physical endurance, which can be built with training and exercise. B. Truly strong personalities meet challenges of life bravely and face hardships with equanimity. C. However, strength of character is a personality trait or a quality. D. Physical strength is the ability to cope with a physically challenging task.

Difficulty : Moderate

Average Time : 78 Seconds

Options :

1. BACD

2. DBCA

3. DACB

4. CBAD

Solution :

The correct answer is option 3 i.e. **DACB**.

- **The easiest way of solving the para jumble is to find a pair of statements or opening statement.**
- "Physical strength" is the theme of the paragraph and it is introduced by the statement D hence it will be the opening

statement.

- Statement A is complementary information about "Physical strength" hence it will come after D.
- Statement C and B will come respectively as they both talk about the personality.
- Now we have the final arrangement i.e. **DACB**.

The chosen option is as same as the final arrangement hence it will be correct.

Question 54 :

Select the most appropriate option to fill in the blank. The government has warned the traders not to _____ onions.

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. gross

2. hoard

3. combine

4. bulk

Solution :

The correct answer is option 2 i.e. **hoard**.

Let's have a look at the meaning of the given words-

1. **gross**- being the total amount before anything is taken away.
2. **hoard**- to collect and store large quantities of something (often secretly).
3. **combine**- to join or mix two or more things together.
4. **bulk**- the main part of something; most of something.

The meaning of the chosen option matches the sense of the statement as the government is warning the traders not to collect something secretly.

Hence, the chosen option will be correct.

The correct sentence will be-

The government has warned the traders not to hoard onions.

Question 55 :

From external point P, a tangent PQ is drawn to a circle, with the centre O, touching the circle at Q. if the distance of P from the centre is 13 cm and length of the tangent PQ is 12 cm, then the radius of the circle is:

Difficulty : Moderate

Average Time : 75 Seconds

Options :

1. 5 cm
2. 3 cm
3. 10 cm
4. 12.5 cm

Solution :

The correct answer is **Option 1** i.e **5 cm**
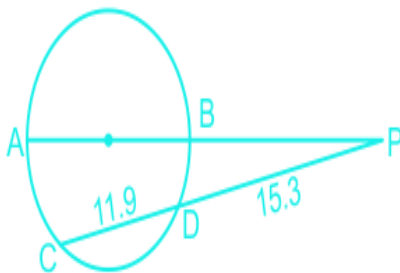
Given, PO = 13 cm, PQ = 12 cm

$OQ = (13^2 - 12^2)^{1/2} = (169 - 144)^{1/2} = 25^{1/2} = 5$ cm

Radius = OQ = 5cm

Question 56 :

The value of $(\text{cosec}30^0 – \tan45^0) \cot60^0\tan30^0$ is:

Difficulty : Moderate   **Average Time : 45 Seconds**

Options :

1. 3
2. 1/3
3. 1
4. 1/3

Solution :

The correct answer is **Option 4** i.e **1/3**

Putting the values in the equation,

(cosec30⁰ – tan45⁰) cot60⁰ tan30⁰

= (2 - 1) × 1/3 × 1/3

= 1 × 1/3

= 1/3

Question 57 :

If an amount of Rs. 990 is divided among A, B and C in the ratio of 3 : 4 : 2, then B will get:

Difficulty : Moderate   **Average Time : 41 Seconds**

Options :

1. Rs. 440

2. Rs. 110

3. Rs. 247.5

4. Rs. 350

Solution :

The correct answer is **Option 1** i.e **Rs. 440**

ATQ,

3x + 4x + 2x = 990

9x = 990

x = 990/9

x = 110

B's share = 4x = 4 × 110 = 440

Question 58 :

The compound interest on a certain sum at the end of two years is Rs. 408. The simple interest on the same sum for the same time is Rs. 400. The rate of interest per annum is:

Difficulty : Moderate   **Average Time : 44 Seconds**

Options :

1. 40%

80%

3. 8%

4. 4%

Solution :

The correct answer is **Option 4** i.e **4%**

As we know, the interest for 1 year in both S.I and C.I is same and interest in the case of S.I is the same for every year.

So, the first-year interest must have been 200 in case of both S.I and C.I

For the second year, interest in the case of C.I = 408 - 200 = 208

The difference in the interest for 2nd year in C.I and S.I is 208 - 200 = 8

So, the rate of interest = (8 / 200) × 100 = 4%

Question 59 :
PAQ is a tangent to a circle with centre O, at a point A on it. AB is a chord such that BAQ = x⁰ (x 90). C is a point on the major arc AB such that ACB = y⁰. If ABO = 32⁰ , then the value of x + y is:

Difficulty : Moderate   **Average Time : 65 Seconds**

Options :

1. 110

2. 98

3. 112

4. 116

Solution :

The correct answer is **Option 4** i.e **116**

We know that, in â–³ABO,

ABO = OAB = 32⁰

So,

AOB = 180⁰ - (32⁰ + 32⁰) = 116⁰

Now,
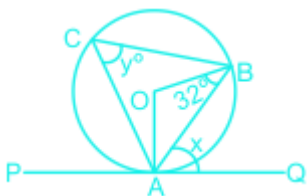
ACB = y = 116/2 = 58⁰ (Angle subtended by a chord at the centre is twice the angle subtended by it anywhere else)

So,

$x^0 + y^0 = (90^0 - 32^0) + 58^0 = 116^0$

Question 60 :
The value of $(26 - 13 \times 2) \div 2 + 1$ is

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. 0

2. 14

3. 1

4. 26/3

Solution :

The correct answer is **Option 3** i.e **1**

$(26 - 13 \times 2) \div 2 + 1 = (26 - 26) \div 2 + 1$

$= (0) \div 2 + 1$

$= 1$

Question 61 :
Eight persons can finish a work in 20 days. After 5 days they were requested to complete the work in the next 8 days. How many more persons should join the group to fulfil the requirement?

Difficulty : Moderate   **Average Time : 39 Seconds**

Options :

1. 7

2. 23

   15

4. 12

Solution :

The correct answer is **Option 1** i.e **7**

8 person can complete a work in 20 days. So, total units of work = 8 × 20 = 160 units

ATQ, they work for 5 days. So, units of work completed = 8 × 5 = 40 units

Units of work remaining = 160 - 40 = 120 units

120 = 8 × p , where p = no of persons

 p = 15

So, 7 more persons should join the group to complete the work on time.

Question 62 :
A car dealer purchased an old car for 1,08,500 and spent some amount on its maintenance. He sold it for 1,56,250, thereby earning a profit of 25%. How much money did he spend on the maintenance of the car?

Difficulty : Moderate   Average Time : 54 Seconds

Options :
1. Rs. 16,500

2. Rs. 8,687.5

3. Rs. 20,625

4. Rs. 47,750

Solution :

The correct answer is **Option 1** i.e **Rs. 16,500**

C.P of the car = 1,08,500

Let the amount spent on maintenance be "x"

S.P of the car = 1,56,250

ATQ,

(1,08,500 + x) + 0.25 × (1,08,500 + x) = 1,56,250

1,35,625 + 1.25x = 1,56,250

1.25x = 20,625

x = 20,625 / 1.25

x =16,500

Question 63 :

The value of cos10º cos30º cos50º cos70º cos90º is:

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. 1

2. 0

3. 3

4. 5

Solution :

The correct answer is **Option 2** i.e **0**

In cos10º cos30º cos50º cos70º cos90º, cos90º = 0

So, the value of the equation = 0

Question 64 :

In a circle, AB is diameter and CD is a chord, AB and CD produced meet at a point P, outside the circle. If PD = 15.3 cm, CD = 11.9 cm and AP = 30.6 cm, then the radius of the circle is:

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. 8 cm

2. 9 cm

3. 8.5 cm

4. 7.5 cm

Solution :

The correct answer is **Option 3** i.e **8.5 cm**
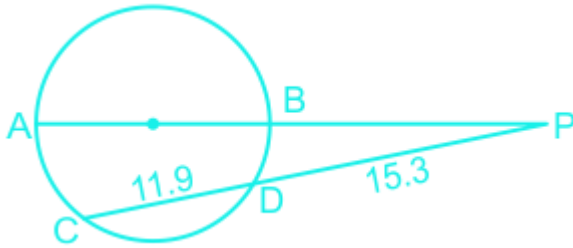
We know that,

AP × BP = CP × DP

30.6 × BP = 27.2 × 15.3

BP = 416.16/30.6

BP = 13.6

So,

AB = AP - BP = 30.6 - 13.6 = 17 cm

Hence,

Radius = AB/2 = 17/2 = 8.5 cm

Question 65 :
The following table shows the income (in rupees) for a particular month, together with their source, in respect of 5 employees (A, B, C, D and E).   A B C D E Salary 52,000 48,500 42,000 31,000 25,000 Overtime 0 0 1,500 2,500 3,200 Arrears 5,500 4,500 4,000 3,000 1,500 Bonus 3,500 3,000 2,500 2,000 2,000 Miscellaneous income 5,000 3,000 2,000 0 0 Total 66,000 59,000 52,000 40,000 31,700 For employee D, the income from overtime is what percentage of his total income?

Difficulty : Moderate

Average Time : 74 Seconds

Options :

1. 5%

2. 6.25%

3. 22.5%

4. 7.5%

Solution :
The correct answer is **Option 2** i.e **6.25%**

D's total income = 40,000

D's overtime income = 2,500

Percentage = (2,500/40,000) × 100 = 6.25%

Question 66 :

In a class, the average score of thirty students on a test is 69. Later on, it was found that the score of one student was wrongly read as 88 instead of 58. The actual average score is:

Difficulty : Moderate

Average Time : 40 Seconds

Options :

1. 68

2. 58

3. 88

4. 69

Solution :

The correct answer is **Option 1** i.e **68**

Let the score of students be x_1, x_2, x_3 ....x_{30}

The average score of 30 students = 69

So,

$(x_1 + x_2 + x_3$ ....$x_{30}) / 30 = 69$

$(x_1 + x_2 + x_3$ ....$x_{30}) = 69 × 30$

$(x_1 + x_2 + x_3$ ....$x_{30}) = 2070$

After correcting the score of one student to 58

The new sum, $(x_1 + x_2 + x_3$ ....$x_{30}) = 2070 - 30 = 2040$

New average = $(x_1 + x_2 + x_3$ ....$x_{30}) / 30$

= 2040 / 30

= 68

Question 67 :

A cell phone was marked at 20% above the cost price and a discount of 10% was given on its marked price. What is the

profit percentage?

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1. 11%
2. 9%
3. 10%
4. 8%

Solution :

The correct answer is **Option 4** i.e **8%**

Let the cost price be 100

Then, Marked price = 120

After offering a discount of 10% of the marked price,

Selling Price, S.P = 120 - 0.1 × 120

S.P = 120 - 12

    = 108

Profit% = (SP - CP) / CP = (108 -100) / (100) × 100

    = 8%

Question 68 :
The value of 515 × 485 is:

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. 250225
2. 200825
3. 249775
4. 20825

Solution :

The correct answer is **Option 3** i.e **249775**

On multiplying 515 with 485, we get 249775.

Question 69 :
The following table shows the number of students enrolled in different streams in a particular college. Science Arts Commerce Vocational Boys Girls Boys Girls Boys Girls Boys Girls 32 18 28 45 42 42 13 30 The ratio of the number of girls studying Arts to the number of girls studying in all other streams is:

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. 1 : 2

2. 3 : 1

3. 1 : 3

4. 2 : 1

Solution :

The correct answer is **Option 1** i.e **1 : 2**

No. of girls studying arts = 45

No. of girls in all other streams = 30 + 42 + 18 = 90

Ratio = 45 : 90 = 1 : 2

Question 70 :
The value of is :

Difficulty : Moderate

Average Time : 33 Seconds

Options :

1. 4

2. 3

3. 1

4. 2

Solution :

The correct answer is **Option 2** i.e **3**

$\frac{3(1 - 2\sin^2 x)}{\cos^2 x - \sin^2 x}$ = 3. (cos2x) / (cos2x)   ---------- {As, (1 - 2sin^{2}x) = cos2x} & {(cos^{2}x - sin^{2}x = cos2x)}

= 3 × 1

= 3

Question 71 :

The greatest number which may replace * in the number 1190*6 to make the number divisible by 9 is :

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. 0

2. 1

3. 3

4. 9

Solution :

The correct answer is **Option 2** i.e **1**

We know that, for a number to be divisible by 9, the sum of its digits should be divisible by 9

So, for 1190*6 to be divisible by 9, the sum of its digits should be divisible by 9

Now,

1 + 1 + 9 + 0 + * + 6 = 17 + *

The closest number divisible by 9 is 18

Hence, * = 18 - 17

 = 1

Question 72 :

The perimeter of a square plot is the same as that of a rectangular plot with sides 35 m and 15 m. Then side of the square plot is:

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. 20 m

25 m

3. 50 m

4. 100 m

Solution :

The correct answer is **Option 2** i.e **25 m**

The perimeter of the rectangular plot = 2.(l + b)

= 2.(35 + 15)

= 2 × 50

= 100 m.

Perimeter of the square plot = 4 × side = 100

4 × side = 100

side = 25 m

Question 73 :
As per data shown in the following table, what is the percentage of students who got less than 50 marks? Marks obtained 10 to 20 20 to 30 30 to 40 40 to 50 50 to 60 60 to 70 70 to 80 Number of students 5 11 18 38 39 24 15

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

1. 38%

2. 72%

3. 48%

4. 74%

Solution :

The correct answer is **Option 3** i.e **48%**

The no. of students who got less than 50 marks = (38 + 18 + 11 + 5) = 72

Total no of students = 150

Percentage = (72 / 150) × 100 = 48%

Question 74 :

The price of cooking oil increased by 25%. Find by how much percentage a family must reduce its consumption in order to maintain the same budget?

Difficulty : Moderate   **Average Time : 39 Seconds**

Options :

1. 30%

2. 20%

3. 70%

4. 80%

Solution :

The correct answer is **Option 2** i.e **20%**

Initially, let the price of the cooking oil be "x".

Let the consumption be "y".

After the price increase, let the price be "x_1" and consumption be "y_1"

ATQ,

$x \times y = x_1 \times y_1$

$x \times y = 1.25x \times y_1$

$y_1 = (x \times y) / 1.25x$

$y_1 = 0.8y$

Hence, the reduction in consumption in 20%

Question 75 :
The following table gives the frequency of vowels used in the page of a book. Vowels a e i o u Frequency 75 125 80 70 75 As per the given data, which vowels occur less than 80 times?

Difficulty : Moderate   **Average Time : 63 Seconds**

Options :

1. a, e, i

2. a, e

a, i, o, u

4. a, o, u

Solution :

The correct answer is **Option 4** i.e **a, o, u**

According to the table given, a is used 75 times, o is used 70 times and u is used 75 times.

Hence, the vowels used less than 80 times are: **a, o, u**

Question 76 :

If p + q = 7 and pq= 5, then the value of p3 + q3 is :

Difficulty : Moderate   **Average Time : 43 Seconds**

Options :

1. 64

2. 34

3. 448

4. 238

Solution :

The correct answer is **Option 4** i.e **238**

We know that,

$(a + b)^3 = a^3 + b^3 + 3ab(a + b)$

Given,

p + q = 7, pq = 5

$(p + q)^3 = p^3 + q^3 + 3pq(p + q)$

$p^3 + q^3 = (p + q)^3 + 3pq(p + q)$

$p^3 + q^3 = 7^3 + 3 \times 5 \times 7$

$p^3 + q^3 = 343 - 105$

$p^3 + q^3 = 238$

Question 77 :

If x + 3y + 2 = 0, then the value of x3 + 27y3 + 8 - 18xy is:

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. -2

2. 1

3. 2

4. 0

Solution :

The correct answer is **Option 4** i.e **0**

Let x = a, 3y = b, 2 = c

So,

ATQ,

a + b + c = x + 3y + 2 = 0

Now,

$x^3 + 27y^3 + 8 - 18xy = a^3 + b^3 + c^3 - 3abc = 0$ {Algebraic Identity}

Question 78 :

Select the mirror image of the given alphanumeric-cluster when a mirror is placed on the right side of the cluster.

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 2**

Understanding

The mirror image of the given figure along the mirror is shown below:

Note: Since the mirror is placed vertically beside the question figure, the image will be formed by inverting the question figure horizontally about the mirror.

That means the left side of the figure will become the right side and vice versa.

Hence, option 2 is correct.

Question 79 :
What day of the week was 5 February 2008?

Difficulty : Moderate

Average Time : 78 Seconds

Options :

1. Monday

2. Tuesday

3. Wednesday

4. Thursday

Solution :

The correct answer is **option 2** i.e **Tuesday**.

Understanding

5 February, 2008 = (2001-2007 years + Number of days from 1.1.2008 to 5.2.2008)

Odd days in 1600 years = 0

Odd days in 400 years = 0

7 years = (1 leap years + 6 ordinary years) = (1 x 2 + 6 x 1) = 8 days 1 odd days

Jan + Feb

(31 + 5) = 36 days

Therefore, 36 days = (5 weeks + 1 day) 1 odd days

Total number of odd days = (0 + 0 + 1 + 1) = 2 2 odd days

Thus, the day is **Tuesday.**

Question 80 :

Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. 28 : 56

2. 76 : 42

3. 44 : 16

4. 55 : 25

Solution :

The correct answer is **option 1** i.e **28 : 56**

Understanding

1) 28 : 56 2 x 8 = 16 (not equal to 56)

2) 76 : 42 7 x 6 = 42

3) 44 : 16 4 x 4 = 16

4) 55 : 25 5 x 5 = 25

Question 81 :

Pointing to the photograph of a girl Akanksha, Rajeev said, "Her daughter's father's wife's mother is my wife's daughter's mother's mother-in-law". How is Rajeev related to Akanksha?

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. Paternal uncle

2. Maternal uncle

3. Brother

4. Father

Solution :

The correct answer is **option 3** i.e **Brother.**

Understanding	Application
In the diagram shown; Square shows males, the circle shows females, vertical lines show generations, single horizontal lines show brother or sisters and double lines shows a couple.	Thus considering the figure, Rajeev is the **brother** of Akanksha.

Question 82 :

A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of symbols will be on opposite sides?

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. @ and %

2. & and %

3. # and @

4. $ and #

Solution :

The correct answer is **option 3** i.e **# and @**

Understanding
If 4 boxes are in a single row or column, then the remaining two boxes that are present in the open dice are opposite to each other.
The pairing is done in the following manner:
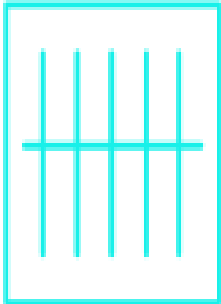
Question 83 :

Which of the following venn diagrams best represents the relationship between the following classes? Utensils, Spoons, Steel items

Difficulty : Moderate

Average Time : 62 Seconds

Options :

2.

3.

4.

Solution :

The correct answer is **option 3**

Understanding
All Spoons are Utensils. Some Spoons as well as some Utensils are made of Steel. Hence, option 3 is the correct representation:
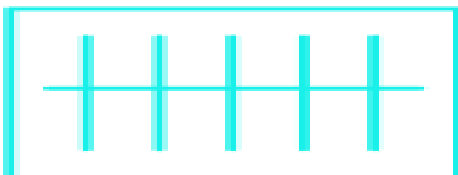
Question 84 :

Arrange the following words in a logical and meaningful order. 1. Nose 2. Forehead 3. Chin 4. Waist 5. Chest

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. 2, 1, 3, 5, 4

2. 2, 4, 1, 5, 3

3. 3, 2, 4, 2, 1

4. 2, 3, 1, 4, 5

Solution :

The correct answer is **option 1** i.e **2, 1, 3, 5, 4.**

Understanding
In this question, we need to arrange the words in a logical and meaningful order.
So according to the human body, the top to bottom order would be:
1. Forehead
2. Nose
3. Chin
4. Chest
5. Waist

Question 85 :

Select the option in which the given figure X is embedded (rotation is not allowed).

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1.

2.

3.

4.
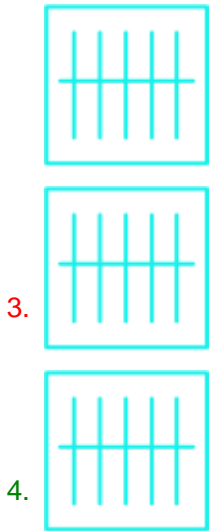
Solution :

The correct answer is **option 4**

Understanding
The figure in option 4 is embedded in the question figure, as shown below:
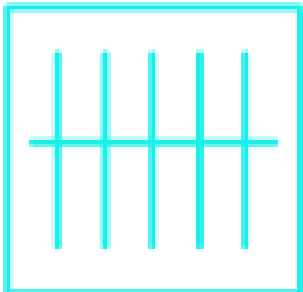
Question 86 :

Select the option in which the words share the same relationship as that shared by the given pair of words. Arteries : Circulatory System

Difficulty : Moderate   **Average Time : 68 Seconds**

Options :

1. Nerves : Nervous System

2. Kidney : Relationship System

    Eyes : Endocrine System

4. Lungs : Olfactory System

Solution :

The correct answer is **option 1** i.e **Nerves : Nervous System**.

Understanding	Application
The circulatory system is made up of blood vessels that carry blood away from and towards the heart. Arteries carry blood away from heart.	Similarly, the nervous system coordinates actions and sensory information. Nerves act as information highways to carry signals between the brain and spinal cord.

Question 87 :

Select the letter-cluster that can replace the question mark (?) in the following series. PROGRESS, QTOGRESS, QTRKRESS, ? , QTRKWKZA
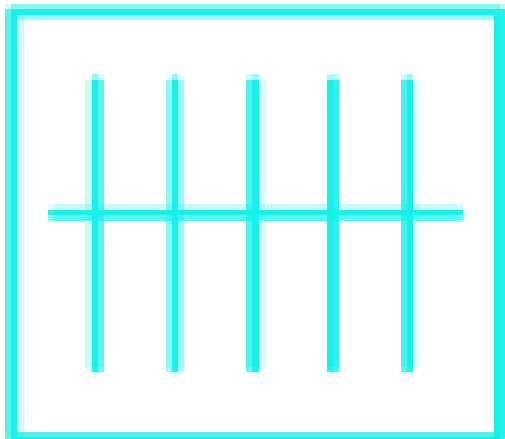
Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. QTRKVMSS

2. PRRKWKSS

3. QTRKWKSS

4. QTRKWKTY

Solution :

The correct answer is **option 3** i.e **QTRKWKSS.**

Understanding

The logic is:

So, the missing term will be **QTRKWKSS.**

Question 88 :

Four words have been given, out of which three are alike in some manner and one is different. Select the odd word.

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. Asia
2. Africa
3. Europe
4. Russia

Solution :

The correct answer is **option 4** i.e **Russia.**

Understanding
Asia, Africa, Europe are continents and Russia is a country.

Question 89 :

Select the number that can replace the question mark (?) in the following series. 45, 63, 101, 160, 241, ?

Difficulty : Moderate   **Average Time : 47 Seconds**

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Options :

1. 305

2. 319

3. 368

4. 345

Solution :

The correct answer is **option 4** i.e. **345**

Understanding
Given series: 45, 63, 101, 160, 241, ?
45 63 101 160 241
So 23 should be added to 81 and the resulting no is then added to 241 to get the next term in the series.
23 + 81 = 104
104 + 241 = **345** is the next term in the series.

Question 90 :

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically(s) follow from the statements. Statements: 1. Some bottles are glasses. 2. Some glasses are bowls. Conclusions: 1. Some bowls are bottles. 2. Some glasses are bottles. 3. No bowl is a bottle.

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. Only conclusions II and III follow.

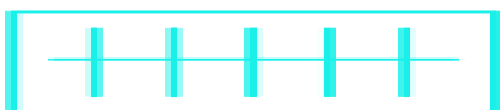2. All conclusions I, II and III follow.

Either conclusion II or III follows.

4. Only conclusion II and either conclusion I or III follow.

Solution :

The correct answer is **option 4** i.e **Only conclusion II and either conclusion I or III follow.**

Understanding
The least possible Venn Diagram for the given statements is drawn below:
Conclusions:
1. Some bowls are bottles: **False** (This is possible but not definite, as no direct relationship between the two is given).
2. Some glasses are bottles: **True** (Some bottles are glasses)
3. No bowl is a bottle: **False** (This is possible but not definite, as no direct relationship between the two is given).
Hence, **Only Conclusion II and Either Conclusion I or III follows.**

Question 91 :

Study the given pattern carefully and select the number that can replace the question mark (?) in it. 11 13 17 33 35 39 189 191 ?

Difficulty : Moderate

Average Time : 87 Seconds

Options :

1. 199

2. 217

3. 195

203

Solution :

The correct answer is **option 3** i.e **195.**

Understanding	Application
The pattern is: In each row, to get number at 2nd column, add 2 to the number at first column and to get number at 3rd column, add 4 to the number at 2nd column. 11 + 2 = 13, 13 + 4 = 17 33 + 2 = 35, 35 + 4 = 39	Similarly, 189 + 2 = 191, 191 + 4 = **195** Hence, option 3 is correct answer.

Question 92 :

Select the option in which the numbers are related in the same way as are the numbers in the given set. (14, 17, 961)

Difficulty : Moderate   **Average Time : 60 Seconds**

Options :

1. (11, 12, 729)

2. (12, 18, 851)

3. (15, 14, 743)

4. (13, 19, 1024)

Solution :

The correct answer is **option 4** i.e **(13, 19, 1024).**

Understanding	Application

(14, 17, 961) The logic is: $(14 + 17)^2 = 31^2 = 961$	Similarly, $(13 + 19)^2 = 32^2 = 1024$

Question 93 :

How many triangles are there in the given figure?

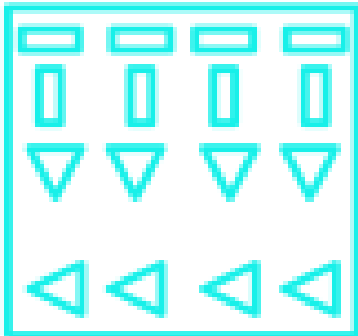Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. 24
2. 23
3. 20
4. 22

Solution :

The correct answer is **option 4** i.e **22.**

Understanding
22 triangles: ADE, AEF, ADF, AGH, AHI, AGI, AKM, AMO, AKO, ABD, ADC, ABC, BJC, BDJ, DJC, LNJ, LMJ, JNM, KLB, NOC, AJB, AJC.

Question 94 :

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

23 : 527 :: 19 : ?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. 363

2. 359

3. 325

4. 402

Solution :

The correct answer is **option 2** i.e **359**

Understanding	Application
$23^2 = 529$ $529 - 2 = 527$	Similarly, $19^2 = 361$ $361 - 2 = 359$

Question 95 :

If 'A' stands for 'subtraction', 'B' stands for 'multiplication', 'C' stands for 'addition', and D stands for 'division', then what is the value of the following expression? 43 C 29 B 3 A 14 B (5 C 4) C 11 C (14 A 3) A 64 D 8 B 2

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. 10

2. 27

3. 110

4. 83

Solution :

The correct answer is **option 1** i.e **10**

Understanding

Given expression:

43 C 29 B 3 A 14 B (5 C 4) C 11 C (14 A 3) A 64 D 8 B 2

According to the question;

A is -; B is x; C is +; D is /

So by substituting these expressions in the given expression the expression becomes;

43 + 29 x 3 - 14 x (5 + 4) + 11 + (14 - 3) - 64 / 8 x 2.

Now follow the BODMAS rule.

= 43 + 29 x 3 - 14 x 9 + 11 + 11 - 8 x 2

= 43 + 87 - 126 + 11 + 11 - 16
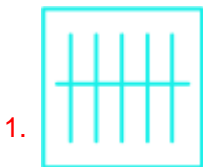
= 130 - 126 + 22 - 16

= 130 - 104 - 16

= 26 - 16

= **10**

Question 96 :
Select the figure that can replace the question mark (?) in the following series.

Difficulty : Moderate　　　　　　　　　　**Average Time : 68 Seconds**

Options :

1.

2.

3.

4.
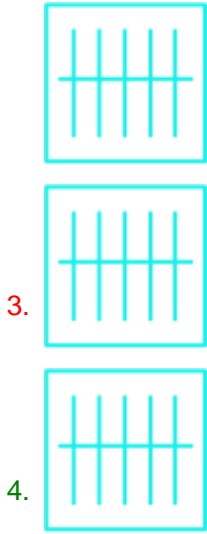
Solution :

The correct answer is **option 4**

Understanding	Application
The logic followed here is: The horizontal line is decreased by 1 and the vertical line is increased by 1.	Hence, following this logic, the next image in the series should be option figure 4.

Question 97 :

In a certain code language, 'FOX' is coded as '108' and 'SOUP' is coded as '148'. How will 'UPSIDE' be coded as in that language?

Difficulty : Moderate   **Average Time : 74 Seconds**

Options :

1. 494

2. 385

3. 590

4. 528

Solution :

The correct answer is **option 4** i.e **528**.

| Understanding	Application
The letters are replaced with their opposite letters in English Alphabetical Series, and then the sum of all the values is multiplied by the number of letters in each word. FOX : ULC (Opposite letters) ULC: 21 + 12 + 3 = 36; 36 x 3 = 108 SOUP : HLFK HLFK : 8 + 12 + 6 + 11 = 36; 37 x 4 = 148	Similarly, UPSIDE : FKHRWV Sum = 6 + 11 + 8 + 18 + 23 + 22 = 88 Now multiply 6 with 88 = **528**.

Question 98 :

A piece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1.

2.

3.

4.
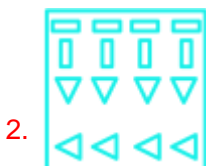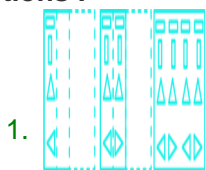
Solution :

The correct answer is **option 1**

Understanding
After unfolding, the paper will appear as follows: In this type of question, the order of unfolding the paper will be reverse of the order in which it was folded.

Question 99 :

Select the letter that can replace the question mark (?) in the following series. C, E, H, J, M, O, R, ?

Difficulty : Moderate

Average Time : 74 Seconds

Options :

1. W

2. T

3. S

D

Solution :

The correct answer is **option 2** i.e **T.**

Understanding
The logic followed here is:
C + 2 = E
E + 3 = H
H + 2 = J
J + 3 = M
M + 2 = O
O + 3 = R
Application
So, the next letter is R + 2 = **T**

Question 100 :

In a certain code language, 'TAPE' is written as 'SUZBOQDF'. How will 'MOCK' be written as in that language?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. KNNPBEBL
2. MOPQDELM
3. LNNPBDJL
4. LOPQBCKL

Solution :

The correct answer is **option 3** i.e **LNNPBDJL**.

Understanding	Application

Each alphabet is replaced by the previous and the next alphabet in the English alphabetical series.	Thus, the code for **MOCK** will be: M L**M**N O N**O**P C B**C**D K J**K**L Hence, the correct answer is **LNNPBDJL.**

Ssc Cgl Tier I Previous Year Question Paper Analysis

The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2020-03-09 in the Evening exam is as follows:

1. 100 questions were moderate.
2. The safe score is 140 marks.
3. 25 questions were asked from Logical Reasoning, 25 questions were asked from Quantitative Aptitude, 25 questions were asked from General Awareness and 25 questions were asked from English Language
4. 13 questions should have been skipped if you were short of time.

Ssc Cgl Tier I Previous Year Question Paper Topic Wise Weightage

Logical Reasoning

1. Coding Decoding - 2
2. Mirror Image - 1
3. Analogy - 4
4. Classification - 3
5. Blood Relations - 1
6. Syllogism - 1

    Venn Diagrams - 1
8. Dictionary Based - 1
9. Calendar - 1
10. Figure Based - 1
11. Matrix - 1
12. Configuration, Fitting Pieces, Odd Pieces - 2
13. Series - 3
14. Mathematical Reasoning - 1
15. Cubes And Dice - 1
16. Data Sufficiency - 1

Quantitative Aptitude

1. Simplification - 1
2. Average - 1
3. Percentage - 1
4. Data Interpretation - 4
5. Time And Work - 1
6. Interest - 1
7. Ratios And Proportion - 1
8. Geometry - 5
9. Trigonometry - 3
10. Mensuration - 1
11. Algebra - 2
12. Number System - 1
13. Profit And Loss - 2
14. Comparison Of Quantities - 1

General Awareness

1. Geography - 1
2. GK Misc - 24

English Language

1. Cloze Test - 6
2. Spotting Error - 1
3. Parajumbles - 2

Idioms - 2
5. One Word Substitution - 2
6. Narration - 1
7. Voice - 1
8. Sentence Improvement - 2
9. Synonym - 2
10. Antonym - 2
11. Filler (Vocab) - 2
12. Incorrectly Spelt - 2
13. Incorrectly Spelt - 2

Ssc Cgl Tier I Previous Year Question Paper Tips and Tricks

1. Try to solve Ssc Cgl Tier I Previous Year Question Paper without taking any help from the solutions.
2. Ssc Cgl Tier I Previous Year Question Paper require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Ssc Cgl Tier I Previous Year Question Paper. She has guided her team to provide the best explanation for the question.