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**JKSSB**

**Previous Year Paper**  
**Junior Supervisor**  
**9 Nov 2021**



Roll No:

Registration No:

Name:

Exam Date: **09-Nov-2021**

Exam Time: **15:15-17:15**

Post Name: **Junior Supervisor-Sub Auditor**

Registered Photo

Exam Day Photo

**GENERAL ENGLISH - GENERAL ENGLISH**

**Question No.1**

Marks: 1.00

**Bookmark**

Fill in the blanks with suitable Preposition from the given alternatives.

The government is constructing a bridge \_\_\_\_\_ the river.

- (A) ☐ besides  
(B) ☒ **across (Correct Answer)** (Chosen option)  
(C) ☐ for  
(D) ☐ about

**Question No.2**

Marks: 1.00

**Bookmark**

Choose the word which best expresses the similar **meaning** of the given word " GAZE ".

- (A) ☒ **Look (Correct Answer)** (Chosen option)  
(B) ☐ Moderate  
(C) ☐ Ignorance  
(D) ☐ Important

**Question No.3**

Marks: 1.00

**Bookmark**

Fill in the blanks with suitable Article from the given alternatives.

The company is looking for \_\_\_\_\_ MA graduate.

- (A) ☐ No article  
(B) ☒ **an (Correct Answer)** (Chosen option)  
(C) ☐ a  
(D) ☐ the

**Question No.4**

Marks: 1.00

**Bookmark**

Rearrange the following to form a meaningful sentence and find the most logical order from the given options.

- P. as they were all out for 316 in exactly 50 overs  
Q. several frontline Australia batsmen got good starts but  
R. none could bat deep enough  
S. to see them home  
(A) ☐ PRQS

- (B) ☐ PQRS  
(C) ☒ QRSP (Correct Answer) (Chosen option)  
(D) ☐ QSRP

**Question No.5**

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable Article from the given alternatives.

I am going to write \_\_\_\_\_ letter for my friend.

- (A) ☒ a (Correct Answer) (Chosen option)  
(B) ☐ the  
(C) ☐ No article  
(D) ☐ an

**Question No.6**

Marks: 1.00

Bookmark ☐

Choose the word which expresses nearly the opposite meaning of the given word "ABANDONED".

- (A) ☐ Alone  
(B) ☒ Adopted (Correct Answer) (Chosen option)  
(C) ☐ Dumped  
(D) ☐ Jilted

**Question No.7**

Marks: 1.00

Bookmark ☐

Find the correct active/ passive voice for the given sentence in passive/ active voice from the given alternatives.

My sister is watching the football match

- (A) ☐ The football match was watched by my sister  
(B) ☐ The football match is been watched by my sister  
(C) ☐ The football match was been watched by my sister (Chosen option)  
(D) ☒ The football match is being watched by my sister (Correct Answer)

**Question No.8**

Marks: 1.00

Bookmark ☐

Find the correct active/ passive voice for the given sentence in passive/ active voice from the given alternatives.

This letter will have been read by him.

- (A) ☐ He will have been read this letter  
(B) ☒ He will have read this letter (Correct Answer) (Chosen option)  
(C) ☐ He will have being read this letter  
(D) ☐ He will have reading this letter

**Question No.9**

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable Idiom/Phrase from the given alternatives.

One needs to \_\_\_\_\_ one's children before they go and play in the snow

- (A) ☐ **bundle up (Correct Answer)** (Chosen option)  
(B) ☐ dog days  
(C) ☐ Shuffle down  
(D) ☐ black down

**Question No.10**

Marks: 1.00

Bookmark ☐

Fill in the blank with suitable tense.

They \_\_\_\_\_ in Brussels for ten years.

- (A) ☐ lives (Chosen option)  
(B) ☐ are lived  
(C) ☐ **have lived (Correct Answer)**  
(D) ☐ has lived

**Question No.11**

Marks: 1.00

Bookmark ☐

Rearrange the following to form a meaningful sentence and find the most logical order from the given options.

P. low pressure was expected to intensify into a  
Q. depression in the next two days and subsequently,  
R. the Meteorological Department said the  
S. into a cyclone

- (A) ☐ SPRQ  
(B) ☐ RQPS  
(C) ☐ **RPQS (Correct Answer)** (Chosen option)  
(D) ☐ SPQR

**Question No.12**

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable Preposition from the given alternatives.

The World Bank Group has downgraded global real GDP growth \_\_\_\_\_ 2.6% in 2019.

- (A) ☐ for (Chosen option)  
(B) ☐ since  
(C) ☐ through  
(D) ☐ **to (Correct Answer)**

**Question No.13**

Marks: 1.00

Bookmark ☐

Choose the word which best expresses the similar **meaning** of the given word "DISGUISE".

- (A) ☐ **Conceal (Correct Answer)** (Chosen option)  
(B) ☐ Disclose  
(C) ☐

- (C) Divulge  
(D) ☐ Represent

### Case Study - 14 to 15

2.00

**Directions:** Read the passage and fill the blanks with suitable pronoun.

#### Question No.14

Marks: 1.00

Bookmark ☐

**B.** Kausani is situated at a height of 6,075 feet in the Central Himalayas.

----- (A) ----- is an unusually attractive little town. It covers just about 5.2 sq km. It lies north of Almora in Uttarakhand's picturesque Kumaon region. Kausani provides the 300-km wide breathtaking view of the Himalayas. It is the most striking aspect of this place. Snow capped peaks are spread in a stately row. ----- (B) ----- stare at you in silvery white majesty

- (A) ☐ what  
(B) ☒ **They (Correct Answer)**  
(C) ☐ it (Chosen option)  
(D) ☐ them

#### Question No.15

Marks: 1.00

Bookmark ☐

**A.** Kausani is situated at a height of 6,075 feet in the Central Himalayas.

----- (A) ----- is an unusually attractive little town. It covers just about 5.2 sq km. It lies north of Almora in Uttarakhand's picturesque Kumaon region. Kausani provides the 300-km wide breathtaking view of the Himalayas. It is the most striking aspect of this place. Snow capped peaks are spread in a stately row. ----- (B) ----- stare at you in silvery white majesty

- (A) ☒ **it (Correct Answer)**  
(B) ☐ their (Chosen option)  
(C) ☐ them  
(D) ☐ it's

#### Question No.16

Marks: 1.00

Bookmark ☐

Choose the word which expresses nearly the **opposite** meaning of the given word "EFFEMINATE".

- (A) ☐ Sissyish  
(B) ☐ Womanlike (Chosen option)  
(C) ☒ **Manly (Correct Answer)**  
(D) ☐ Epicene

#### Question No.17

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable pair of words.

They used a ----- sandpaper, of -----.

- (A) ☐ course, coarse,  
(B) ☐ demure, demur  
(C) ☐ demur, demure

(D) ☐ **coarse, course (Correct Answer)**

**Question No.18**

Marks: 1.00

Bookmark ☐

Fill in the blank with suitable tense.

Teachers \_\_\_\_\_ us activity every week.

- (A) ☐ gives  
(B) ☐ **give (Correct Answer)**  
(C) ☐ have been given (Chosen option)  
(D) ☐ has given

**Question No.19**

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable Idiom/Phrase from the given alternatives.

She has been in \_\_\_\_\_ since Boju entered my life.

- (A) ☐ **seventh heaven (Correct Answer)**  
(B) ☐ zero tolerance  
(C) ☐ the horizon  
(D) ☐ heart touching (Chosen option)

**Question No.20**

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable pair of words.

He has \_\_\_\_\_ issues, but he has \_\_\_\_\_ energy.

- (A) ☐ less, fewer  
(B) ☐ **fewer, less (Correct Answer)** (Chosen option)  
(C) ☐ fourth, forth  
(D) ☐ forth, fourth

**GENERAL KNOWLEDGE AND CURRENT AFFAIRS - GENERAL KNOWLEDGE AND CURRENT AFFAIRS**

**Question No.1**

Marks: 1.00

Bookmark ☐

Who among the following was a Physicist who pioneered the investigation of radio and microwave optics?

- (A) ☐ **Jagdish C Bose (Correct Answer)** (Chosen option)  
(B) ☐ SS Abhyankar  
(C) ☐ Meghnad Saha  
(D) ☐ Har Gobind Khorana

**Question No.2**

Marks: 1.00

Bookmark ☐

Which among the following African countries has celebrated its 60<sup>th</sup> Independence Day on 01<sup>st</sup> Oct, 2020?

- (A) ☐ Egypt

- (B) ☐ **Nigeria (Correct Answer)**  
(C) ☐ Zimbabwe (Chosen option)  
(D) ☐ South Africa

**Question No.3**

Marks: 1.00

Bookmark ☐

At which among the following places does the Alaknanda and Bhagirathi rivers meet and take the name Ganga?

- (A) ☐ Haridwar  
(B) ☐ Rishikesh  
(C) ☐ **Devprayag (Correct Answer)**  
(D) ☐ Kedarnath (Chosen option)

**Question No.4**

Marks: 1.00

Bookmark ☐

In which session of the Indian National Congress was Complete Independence declared as its objective and future goal?

- (A) ☐ Lucknow session of 1916 (Chosen option)  
(B) ☐ **Lahore session of 1929 (Correct Answer)**  
(C) ☐ Lahore session of 1927  
(D) ☐ Lucknow session of 1919

**Question No.5**

Marks: 1.00

Bookmark ☐

What is the composition of G-7 countries besides UK, USA, Germany and Japan?

- (A) ☐ **Canada, France and Italy (Correct Answer)**  
(B) ☐ Canada, Italy and Russia  
(C) ☐ Australia, Italy and Russia  
(D) ☐ Canada, France and Russia (Chosen option)

**Question No.6**

Marks: 1.00

Bookmark ☐

In which year was the Committee of Parliament on Official Language constituted?

- (A) ☐ **1976 (Correct Answer)** (Chosen option)  
(B) ☐ 1966  
(C) ☐ 1960  
(D) ☐ 1971

**Question No.7**

Marks: 1.00

Bookmark ☐

Who was the Captain of the Indian Hockey team that won the 1928 Olympic Gold?

- (A) ☐ Balbir Singh  
(B) ☐ Kishan Lal  
(C) ☐ Vijender Singh (Chosen option)  
(D) ☐ **Jaipal Singh (Correct Answer)**



**Question No.8**

Marks: 1.00

**Bookmark** ☐

In which year was the Central Malarial Bureau established at Kasauli, Himachal Pradesh?

- (A) ☐ 1907 (Chosen option)
- (B) ☐ 1911
- (C) ☐ **1909 (Correct Answer)**
- (D) ☐ 1905

**Question No.9**

Marks: 1.00

**Bookmark** ☐

Who was the Governor General of India when the Indian National Congress formed?

- (A) ☐ Charles Cornwallis
- (B) ☐ **Frederick Dufferin (Correct Answer)** (Chosen option)
- (C) ☐ Robert Lytton
- (D) ☐ Louis Mountbatten

**Question No.10**

Marks: 1.00

**Bookmark** ☐

Fidel Castro was the long serving and most popular President of \_\_\_\_\_.

- (A) ☐ Eritrea
- (B) ☐ Nicaragua
- (C) ☐ **Cuba (Correct Answer)** (Chosen option)
- (D) ☐ Jamaica

**Question No.11**

Marks: 1.00

**Bookmark** ☐

In which year was the Tea Board of India established?

- (A) ☐ 1952 (Chosen option)
- (B) ☐ **1954 (Correct Answer)**
- (C) ☐ 1948
- (D) ☐ 1950

**Question No.12**

Marks: 1.00

**Bookmark** ☐

Which of the following waterways drains into the Caspian Sea?

- (A) ☐ **Volga Waterways (Correct Answer)**
- (B) ☐ Rhine Waterways
- (C) ☐ Danube Waterways
- (D) ☐ Mississippi Waterways (Chosen option)

**Question No.13**

Marks: 1.00

**Bookmark** ☐

Through which among the following was the provision for separate electorates for Hindus and Muslims mandated?

- (A) ☐ **Morley Minto reforms (Correct Answer)** (Chosen option)
- (B) ☐ Government of India Act of 1935

- (C) ☐ Mountbatten Plan  
(D) ☐ Montford Reforms

**Question No.14**

Marks: 1.00

Bookmark ☐

How many member countries are present in the Association of Southeast Asian Nations (ASEAN)?

- (A) ☒ **10 (Correct Answer)** (Chosen option)  
(B) ☐ 12  
(C) ☐ 14  
(D) ☐ 8

**Question No.15**

Marks: 1.00

Bookmark ☐

What is the name of the draught produced by a chimney known as?

- (A) ☐ Induced draught (Chosen option)  
(B) ☐ Balanced draught  
(C) ☒ **Natural draught (Correct Answer)**  
(D) ☐ Forced draught

**Question No.16**

Marks: 1.00

Bookmark ☐

Who among the following was known as the Father of Medicine?

- (A) ☒ **Hippocrates (Correct Answer)** (Chosen option)  
(B) ☐ Hesiod  
(C) ☐ Augustus  
(D) ☐ Socrates

**Question No.17**

Marks: 1.00

Bookmark ☐

Parampara Series 2020 - National Festival of Music and Dance was organised in association with which among the following global bodies?

- (A) ☒ **United Nations (Correct Answer)**  
(B) ☐ World Bank (Chosen option)  
(C) ☐ Asian Development Bank  
(D) ☐ International Monetary Fund

**Question No.18**

Marks: 1.00

Bookmark ☐

Which country won and topped the medal table in the 21<sup>st</sup> Commonwealth Games held at Gold Coast, Queensland in 2018?

- (A) ☐ Jamaica  
(B) ☒ **Australia (Correct Answer)** (Chosen option)  
(C) ☐ South Africa  
(D) ☐ Botswana

**Question No.19**

Marks: 1.00

**Bookmark** ☐

What does a Light Year measure?

- (A) ☐ Intensity of Light
- (B) ☒ **Distance (Correct Answer)**
- (C) ☐ Density
- (D) ☐ Time (Chosen option)

**Question No.20**

Marks: 1.00

**Bookmark** ☐

The Nobel Prize for Economics was instituted in 1967 but it was first awarded in which year?

- (A) ☐ 1971
- (B) ☐ 1973
- (C) ☒ **1969 (Correct Answer)** (Chosen option)
- (D) ☐ 1975

**GENERAL KNOWLEDGE - GENERAL KNOWLEDGE****Question No.1**

Marks: 1.00

**Bookmark** ☐

Which of the following lakes is connected to Khushal Sar and Gil Sar lakes via a channel known as Nallah Amir Khan?

- (A) ☐ Gangabal lake
- (B) ☐ Mansar lake
- (C) ☒ **Nigeen Lake (Correct Answer)** (Chosen option)
- (D) ☐ Gadsar lake

**Question No.2**

Marks: 1.00

**Bookmark** ☐

\_\_\_\_\_ is a form of theatre dance performed in Jammu and Kashmir.

- (A) ☒ **Bhand Pather (Correct Answer)** (Chosen option)
- (B) ☐ Bachaa Nagma
- (C) ☐ Rouf Dance
- (D) ☐ Dumhal Dance

**Question No.3**

Marks: 1.00

**Bookmark** ☐

Which of the following is the main material for Namda making in Kashmir?

- (A) ☒ **Wool of Sheep (Correct Answer)** (Chosen option)
- (B) ☐ Wood
- (C) ☐ Cotton
- (D) ☐ Silk

**Question No.4**

Marks: 1.00

**Bookmark** ☐

In which year Chenani- Nashri tunnel in Jammu &amp; Kashmir was opened?

- (A) ☐ 2020  
(B) ☐ **2017 (Correct Answer)** (Chosen option)  
(C) ☐ 2018  
(D) ☐ 2015

**Question No.5**

Marks: 1.00

**Bookmark** ☐

Which of the following places is called "Kashmiri Venice"?

- (A) ☐ Pune  
(B) ☐ Jammu  
(C) ☐ Doda  
(D) ☐ **Srinagar (Correct Answer)** (Chosen option)

**Question No.6**

Marks: 1.00

**Bookmark** ☐

Which of the following is the most important staple crop of Jammu and Kashmir?

- (A) ☐ Wheat  
(B) ☐ **Rice (Correct Answer)** (Chosen option)  
(C) ☐ Maize  
(D) ☐ Barley

**Question No.7**

Marks: 1.00

**Bookmark** ☐

Who built the world famous sun temple in Kashmir?

- (A) ☐ **Lalitaditya Muktapida (Correct Answer)** (Chosen option)  
(B) ☐ Ranbir Singh  
(C) ☐ Gulab Singh  
(D) ☐ Hari Singh

**Question No.8**

Marks: 1.00

**Bookmark** ☐

Kashmir regions of Jammu and Kashmir have which of the following types of Climate?

- (A) ☐ Cold arid zone  
(B) ☐ Mid to high altitude intermediate zone  
(C) ☐ Low altitude subtropical zone (Chosen option)  
(D) ☐ **Mid to high altitude temperate zone (Correct Answer)**

**Question No.9**

Marks: 1.00

**Bookmark** ☐

Rajparian Wildlife Sanctuary is also known as \_\_\_\_\_.

- (A) ☐ Baltal Wildlife Sanctuary (Chosen option)  
(B) ☐ **Daksum Wildlife Sanctuary (Correct Answer)**  
(C) ☐ Ramnagar Wildlife Sanctuary  
(D) ☐ Jasrota Wildlife Sanctuary

**Question No.10**

Marks: 1.00

Bookmark ☐

\_\_\_\_\_ is a famous conservation reserves located in Pulwama district of Jammu & Kashmir.

- (A) ☒ **Khonmoh (Correct Answer)**
- (B) ☐ Ajas
- (C) ☐ Naganari (Chosen option)
- (D) ☐ Wangat

Question No.11

Marks: 1.00

Bookmark ☐

How many National Parks are there in Jammu and Kashmir?

- (A) ☐ 7
- (B) ☐ 4
- (C) ☒ **5 (Correct Answer)** (Chosen option)
- (D) ☐ 6

Question No.12

Marks: 1.00

Bookmark ☐

Which of the following is the common High court for the Union Territories of Ladakh, and Jammu and Kashmir?

- (A) ☒ **High Court of Jammu & Kashmir (Correct Answer)** (Chosen option)
- (B) ☐ High Court of Madras
- (C) ☐ High Court of Kolkata
- (D) ☐ High Court of Punjab

Question No.13

Marks: 1.00

Bookmark ☐

In which month the Baisakhi festival is celebrated in Jammu & Kashmir?

- (A) ☐ August
- (B) ☐ November
- (C) ☒ **April (Correct Answer)** (Chosen option)
- (D) ☐ June

Question No.14

Marks: 1.00

Bookmark ☐

Who among the following leaders is known as Badshah Khan?

- (A) ☐ Dadabhai Naoroji
- (B) ☐ Mahatma Gandhi
- (C) ☐ Raja Ram Mohan Roy
- (D) ☒ **Khan Abdul Ghaffar Khan (Correct Answer)** (Chosen option)

Question No.15

Marks: 1.00

Bookmark ☐

National Highway 44, runs from "Srinagar of Jammu and Kashmir to \_\_\_\_\_.

- (A) ☒ **Kanniyakumari of Tamil Nadu (Correct Answer)** (Chosen option)
- (B) ☐ Konkan Coast of Goa

- (C) ☐ Kuppam of Andhra Pradesh  
(D) ☐ Mangalore of Karnataka

**Question No.16**

Marks: 1.00

Bookmark ☐

In which year, the historical fort of Doda / Dodo was demolished on government instruction?

- (A) ☐ 2012 A.D.  
(B) ☐ 1999 A.D. (Chosen option)  
(C) ☐ 1978 A.D.  
(D) ☐ **1952 A.D. (Correct Answer)**

**Question No.17**

Marks: 1.00

Bookmark ☐

The river Indus drains into \_\_\_\_\_.

- (A) ☐ **Arabian Sea (Correct Answer)** (Chosen option)  
(B) ☐ Aral Sea  
(C) ☐ Bay of Bengal  
(D) ☐ Indian Ocean

**Question No.18**

Marks: 1.00

Bookmark ☐

In which year Andhra Pradesh first started the Panchayat raj system?

- (A) ☐ **1959 (Correct Answer)**  
(B) ☐ 1952  
(C) ☐ 1955  
(D) ☐ 1961 (Chosen option)

**Question No.19**

Marks: 1.00

Bookmark ☐

73rd Amendment act provides for a \_\_\_\_\_ tier system of Panchayati Raj in every state.

- (A) ☐ Five  
(B) ☐ Ten  
(C) ☐ Four  
(D) ☐ **Three (Correct Answer)** (Chosen option)

**Question No.20**

Marks: 1.00

Bookmark ☐

World Famous "Dal Lake" is located in \_\_\_\_\_ district of Union Territory of Jammu and Kashmir.

- (A) ☐ **Srinagar District (Correct Answer)** (Chosen option)  
(B) ☐ Poonch District  
(C) ☐ Pulwama District  
(D) ☐ Gulgam District

**Question No.1**

Marks: 1.00

**Bookmark** ☐

Which of the following gas laws shows the relationship of pressure and volume?

- (A) ☐ Avogadro Law
- (B) ☐ **Boyle's Law (Correct Answer)**
- (C) ☐ Gay Lussac's Law (Chosen option)
- (D) ☐ Charles Law

**Question No.2**

Marks: 1.00

**Bookmark** ☐

What is the atomicity of hydrogen?

- (A) ☐ **2 (Correct Answer)** (Chosen option)
- (B) ☐ 1
- (C) ☐ 3
- (D) ☐ 8

**Question No.3**

Marks: 1.00

**Bookmark** ☐

Which of the following states of matter has the lowest kinetic energy?

- (A) ☐ Plasma
- (B) ☐ **Solid (Correct Answer)**
- (C) ☐ Gas
- (D) ☐ Liquid

**Question No.4**

Marks: 1.00

**Bookmark** ☐

Which of the following quantities is conserved in Einstein's photoelectric equation?

- (A) ☐ Angular momentum
- (B) ☐ **Energy (Correct Answer)**
- (C) ☐ Amplitude
- (D) ☐ Linear momentum (Chosen option)

**Question No.5**

Marks: 1.00

**Bookmark** ☐

The process of breakdown of food to release energy is called \_\_\_\_\_.

- (A) ☐ Evapotranspiration
- (B) ☐ Transcription
- (C) ☐ Photosynthesis
- (D) ☐ **Cellular Respiration (Correct Answer)** (Chosen option)

**Question No.6**

Marks: 1.00

**Bookmark** ☐

The positively charged particle in an atom is known as \_\_\_\_\_.

- (A) ☐ Neutron
- (B) ☐ Electron
- ☐

- (C) **Proton (Correct Answer)** (Chosen option)  
(D) ☐ Neutrino

**Question No.7**

Marks: 1.00

**Bookmark** ☐

What does the letter "O" in the environmental pollution parameter BOD denote?

- (A) ☐ Oganesson  
(B) ☐ Ozone  
(C) ☐ Osmium  
(D) ☐ **Oxygen (Correct Answer)** (Chosen option)

**Question No.8**

Marks: 1.00

**Bookmark** ☐

Bitumen is a by-product of \_\_\_\_\_.

- (A) ☐ Wood  
(B) ☐ **Petroleum (Correct Answer)** (Chosen option)  
(C) ☐ Natural Gas  
(D) ☐ Coke

**Question No.9**

Marks: 1.00

**Bookmark** ☐

The normal freezing point of water at sea level is \_\_\_\_\_.

- (A) ☐ **0° C (Correct Answer)**  
(B) ☐ 0° F  
(C) ☐ 0 K  
(D) ☐ 273.15° C

**Question No.10**

Marks: 1.00

**Bookmark** ☐

Which of the following surfaces is best suited to absorb sunlight?

- (A) ☐ Blue  
(B) ☐ Red  
(C) ☐ **Black (Correct Answer)** (Chosen option)  
(D) ☐ White

**Question No.11**

Marks: 1.00

**Bookmark** ☐

Which of the following processes denotes the breakdown of detritus into smaller particles by detritivores?

- (A) ☐ Bioaccumulation  
(B) ☐ **Fragmentation (Correct Answer)**  
(C) ☐ Leaching  
(D) ☐ Eutrophication (Chosen option)

**Question No.12**

Marks: 1.00



Bookmark ☐

The chemical symbol Au denotes which of the following elements?

- (A) ☐ Silver
- (B) ☐ Lead
- (C) ☐ **Gold (Correct Answer)**
- (D) ☐ Aluminium (Chosen option)

**Question No.13**

Marks: 1.00

Bookmark ☐

Which of the following is a water soluble vitamin?

- (A) ☐ Vitamin K
- (B) ☐ Vitamin D
- (C) ☐ **Vitamin C (Correct Answer)** (Chosen option)
- (D) ☐ Vitamin A

**Question No.14**

Marks: 1.00

Bookmark ☐

Vitamin B7 is popularly known as \_\_\_\_\_.

- (A) ☐ Pyridoxine
- (B) ☐ Riboflavin
- (C) ☐ Ascorbic Acid
- (D) ☐ **Biotin (Correct Answer)** (Chosen option)

**Question No.15**

Marks: 1.00

Bookmark ☐

Which of the following frictions is also known as Fluid Friction?

- (A) ☐ Static Friction
- (B) ☐ **Drag Friction (Correct Answer)**
- (C) ☐ Rolling Friction (Chosen option)
- (D) ☐ Sliding Friction

**Question No.16**

Marks: 1.00

Bookmark ☐

In Ozone, which layer is termed as "bad ozone"?

- (A) ☐ Exosphere
- (B) ☐ Mesosphere
- (C) ☐ **Troposphere (Correct Answer)** (Chosen option)
- (D) ☐ Stratosphere

**Question No.17**

Marks: 1.00

Bookmark ☐

Which of the following has the highest frequency in an electromagnetic spectrum?

- (A) ☐ Radio Waves
- (B) ☐ Micro Waves
- (C) ☐ **Gamma Rays (Correct Answer)**
- (D) ☐ Infrared Rays (Chosen option)

**Question No.18**

Marks: 1.00

Bookmark ☐

The restoring force per unit area is known as \_\_\_\_\_.

- (A) ☐ Time (Chosen option)  
(B) ☐ Velocity  
(C) ☐ **Stress (Correct Answer)**  
(D) ☐ Acceleration

**Question No.19**

Marks: 1.00

Bookmark ☐

In which of the following organisms the exchange of gases occurs through the moist skin?

- (A) ☐ Dog  
(B) ☐ **Earthworms (Correct Answer)**  
(C) ☐ Buffalo  
(D) ☐ Fishes (Chosen option)

**Question No.20**

Marks: 1.00

Bookmark ☐

What is the SI unit of the electrical resistance?

- (A) ☐ **Ohm (Correct Answer)** (Chosen option)  
(B) ☐ Mho  
(C) ☐ Watt  
(D) ☐ Ampere

**MENTAL ABILITY TEST - MENTAL ABILITY TEST****Question No.1**

Marks: 1.00

Bookmark ☐

If a boy who stands facing East turns 29 degrees clockwise, 106 degrees anti-clockwise and 32 degrees clockwise, then which direction will he face?

- (A) ☐ **North-East (Correct Answer)**  
(B) ☐ South-West  
(C) ☐ North-West  
(D) ☐ South-East (Chosen option)

**Case Study - 2 to 3**

2.00

**Directions:** In this question, a statement is given followed by two conclusions numbered i and ii. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Choose the appropriate one from the following options

- (A) Only conclusion i follows  
(B) Only conclusion ii follows  
(C) Either i or ii follows  
(D) Neither i nor ii follows  
(E) Both i and ii follow.

**Question No.2**

Marks: 1.00

**Bookmark** ☐**Statement:** Girls in Seoul will definitely get married at the age of 23. Beni is 24 years old.**Conclusion:**

i) Beni is married.

ii) There is a rule for the girls in Seoul to get married at the age of 23.

- (A) ☐ A (Chosen option)
- (B) ☐ B
- (C) ☐ C
- (D) ☐ D (Correct Answer)

**Question No.3**

Marks: 1.00

**Bookmark** ☐**Statement:** Mary's teacher gifts a pilot pen whenever she scores centum in Mathematics. Mary has 2 pilot pens.**Conclusion:**

i) Mary should have scored centum twice in Mathematics.

ii) Mary's teacher gifted her those pens.

- (A) ☐ B
- (B) ☐ D (Correct Answer)
- (C) ☐ A
- (D) ☐ C

**Case Study - 4 to 5**

2.00

**Directions:** In a certain code language:

'ring is gold' is written as 'bk yt cj',

'wear the ring' is written as 'ro lm bk',

'tear is wear' is written as 'yt ro fp'.

**Question No.4**

Marks: 1.00

**Bookmark** ☐

What does the code 'lm' stand for?

- (A) ☐ the (Correct Answer) (Chosen option)
- (B) ☐ is
- (C) ☐ wear
- (D) ☐ ring

**Question No.5**

Marks: 1.00

**Bookmark** ☐

What is the code for 'ring' in the given code language?

- (A) ☐ ro
- (B) ☐ yt
- (C) ☐ cj
- (D) ☐ bk (Correct Answer) (Chosen option)

**Question No.6**

Marks: 1.00

**Bookmark** ☐

Find the next number in the series.

577, 519, 446, 358, 255, ?

- (A) ☐ 137 (Correct Answer)
- (B) ☐ 140
- (C) ☐ 138
- (D) ☐ 139 (Chosen option)

**Question No.7**

Marks: 1.00

Bookmark ☐

M and E are in the North-West of A. M is in the South of B and West of E. D is in the North of A and East of B. Which direction of M is D?

- (A) ☐ South-East
- (B) ☐ North-West (Chosen option)
- (C) ☐ South-West
- (D) ☐ North-East (Correct Answer)

**Question No.8**

Marks: 1.00

Bookmark ☐

In which of the following is the expression ' $C > P$ ' probably false?

- (A) ☐  $C > H \geq I > P \leq O = T$
- (B) ☐  $C \geq H > I = P < O \leq T$
- (C) ☐  $C > H < I = P \leq O \leq T$  (Correct Answer)
- (D) ☐  $C > H \geq I = P \leq O \leq T$

**Question No.9**

Marks: 1.00

Bookmark ☐

Read the given details carefully and answer the question given below

A+B means A is the sister of B  
A-B means A is the brother of B  
A\*B means A is the father of B  
A/B means A is the mother of B

In the relation  $P/Q+R+S/T$ , how is P related to T?

- (A) ☐ Maternal Grandmother (Correct Answer) (Chosen option)
- (B) ☐ Paternal Grandmother
- (C) ☐ Paternal Grandfather
- (D) ☐ Paternal Uncle

**Question No.10**

Marks: 1.00

Bookmark ☐

Find the next number in the series.

5, 14, 39, 112, 329, ?

- (A) ☐ 979 (Chosen option)
- (B) ☐ 978 (Correct Answer)
- (C) ☐ 980
- (D) ☐ 981

**Question No.11**

Marks: 1.00

**Bookmark** ☐

Find the next number in the series.

12, 60, 54, 270, 243, 1215, ?

- (A) ☐ 1092.5
- (B) ☒ **1093.5 (Correct Answer)** (Chosen option)
- (C) ☐ 1095
- (D) ☐ 1094.5

**Question No.12**

Marks: 1.00

**Bookmark** ☐

A train 1065 metres long is running at a speed of 161 km/hr. How many seconds will it take to cross a 710 metres long train running in the same direction at a speed of 131 km/hr?

- (A) ☐ 211
- (B) ☐ 217
- (C) ☒ **213 (Correct Answer)**
- (D) ☐ 215 (Chosen option)

**Case Study - 13 to 15**

3.00

**Directions:** In these following questions, a few statements are given followed by two conclusions numbered i and ii. You have to assume everything in the statements to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statements.

Choose

- (A) If Only conclusion i follows
- (B) If Only conclusion ii follows
- (C) If either conclusion i or conclusion ii follows
- (D) If neither conclusion i nor conclusion ii follows
- (E) If both conclusions i and ii follow

**Question No.13**

Marks: 1.00

**Bookmark** ☐

**Statements:** No Bat is ball. No ball is Balloon.

**Conclusions:**

- i) All Bats are Balloons.
- ii) Some Balloons are Bats.

- (A) ☒ **D (Correct Answer)** (Chosen option)
- (B) ☐ A
- (C) ☐ B
- (D) ☐ C

**Question No.14**

Marks: 1.00

**Bookmark** ☐

**Statements:** No cat is dog. Some dog are rats.

**Conclusions:**

- i) Some cats are rats.
- ii) No rat is cat.

- (A) ☐ D  
(B) ☐ A (Chosen option)  
(C) ☐ B  
(D) ☐ C (Correct Answer)

**Question No.15**

Marks: 1.00

Bookmark ☐

**Statements:** All lions are tigers. Some tigers are goats. All goats are animals.

**Conclusions:**

- i) Some lions are goats.  
ii) Some animals are lions.

- (A) ☐ A  
(B) ☐ B  
(C) ☐ D (Correct Answer)  
(D) ☐ C (Chosen option)

**Question No.16**

Marks: 1.00

Bookmark ☐

A train passes a telegraph post in 54 seconds moving with a speed of 477 km per hour. Find the length of the train.(in metres)

- (A) ☐ 7155 (Correct Answer)  
(B) ☐ 7455  
(C) ☐ 7255 (Chosen option)  
(D) ☐ 7355

**Question No.17**

Marks: 1.00

Bookmark ☐

A train, 442 m long, passes a platform which is 1794 m long in 43 seconds. Find the speed of the train in m/sec.

- (A) ☐ 52 (Correct Answer)  
(B) ☐ 50  
(C) ☐ 54 (Chosen option)  
(D) ☐ 48

**Question No.18**

Marks: 1.00

Bookmark ☐

**In this question, relationship between different elements is shown in the statements. These statements are followed by two conclusions:**

**Statements:**  $A > N \geq G$ ;  $L < E = G$

**Conclusions:**

- i)  $N > G$   
ii)  $A > E$

Choose the appropriate one from the following options

- (A) Only conclusion i follows  
(B) Only conclusion ii follows  
(C) Either i or ii follows

- (D) Neither i nor ii follows  
 (E) Both i and ii follow.  
 (A) ☐ A (Chosen option)  
 (B) ☒ B (Correct Answer)  
 (C) ☐ D  
 (D) ☐ C

#### Question No.19

Marks: 1.00

Bookmark ☐

In which of the following is the expression ' $I < T$ ' definitely true?

- (A) ☐  $C > H \geq I > P \leq O = T$   
 (B) ☐  $C > H \geq I = P \leq O \leq T$   
 (C) ☒  $C \geq H > I = P < O \leq T$  (Correct Answer)  
 (D) ☐  $C > H < I = P \leq O \leq T$

#### Question No.20

Marks: 1.00

Bookmark ☐

Read the given details carefully and answer the question given below

A+B means A is the brother of B  
 A-B means A is the sister of B  
 A\*B means A is the father of B  
 A/B means A is the mother of B

In the relation  $P-Q+R+S+T$ , how is P related to T?

- (A) ☐ Cousin  
 (B) ☒ Sister (Correct Answer) (Chosen option)  
 (C) ☐ Father  
 (D) ☐ Brother

### COMPUTER APPLICATIONS - COMPUTER APPLICATIONS

#### Question No.1

Marks: 1.00

Bookmark ☐

Dot Matrix printer is an example of \_\_\_\_\_, based on its working principle.

- (A) ☒ Impact printer (Correct Answer) (Chosen option)  
 (B) ☐ Ink Jet Printer  
 (C) ☐ 3D printer  
 (D) ☐ Laser printer

#### Question No.2

Marks: 1.00

Bookmark ☐

Which memory requires power to maintain the stored information?

- (A) ☒ RAM (Correct Answer)  
 (B) ☐ Memory card  
 (C) ☐ ROM (Chosen option)  
 (D) ☐ Hard disk

**Question No.3**

Marks: 1.00

**Bookmark** ☐

How will you term 1024 GB as?

- (A) ☐ **1 Tera Byte (Correct Answer)** (Chosen option)  
(B) ☐ 1 Mega Byte  
(C) ☐ 1 Peta Byte  
(D) ☐ 1 Kilo Byte

**Question No.4**

Marks: 1.00

**Bookmark** ☐

\_\_\_\_\_ routing and remote access configuration allow internal clients to connect to the Internet using one public IP Address.

- (A) ☐ WWW  
(B) ☐ **NAT (Correct Answer)**  
(C) ☐ VPN (Chosen option)  
(D) ☐ HTTP

**Question No.5**

Marks: 1.00

**Bookmark** ☐

\_\_\_\_\_ function is used to determine how many cells in a range contain a numeric entry.

- (A) ☐ CALC (Chosen option)  
(B) ☐ SUM  
(C) ☐ **COUNT (Correct Answer)**  
(D) ☐ TOTAL

**Question No.6**

Marks: 1.00

**Bookmark** ☐

Which of the following Tab options is used to draw a vertical line at the position of the tab stop?

- (A) ☐ Center Tab  
(B) ☐ **Bar Tab (Correct Answer)**  
(C) ☐ Right Tab (Chosen option)  
(D) ☐ Left Tab

**Question No.7**

Marks: 1.00

**Bookmark** ☐

Use the \_\_\_\_\_ function to create a reference to a range that is a specified number of rows and columns away from a cell or range of cells.

- (A) ☐ VLOOKUP  
(B) ☐ HLOOKUP  
(C) ☐ **OFFSET (Correct Answer)** (Chosen option)  
(D) ☐ MATCH

**Question No.8**

Marks: 1.00

**Bookmark** ☐

In Microsoft word, \_\_\_\_\_ option will show the comments and formatting changes in



print preview.

- (A) ☐ Markers
- (B) ☐ Anchors
- (C) ☐ Indents (Chosen option)
- (D) ☐ **Track Changes (Correct Answer)**

#### Question No.9

Marks: 1.00

Bookmark ☐

You can choose rows and columns that needs to be repeatedly printed on each page by selecting \_\_\_\_\_ option under page set up section in Excel.

- (A) ☐ Orientation
- (B) ☐ Margines (Chosen option)
- (C) ☐ Set print area
- (D) ☐ **Print titles (Correct Answer)**

#### Question No.10

Marks: 1.00

Bookmark ☐

Which feature of Windows 10 allows a computer user to organize virtual desktops that fit different tasks?

- (A) ☐ VM View
- (B) ☐ Virtual View
- (C) ☐ **Task View (Correct Answer)**
- (D) ☐ Switch View (Chosen option)

#### Question No.11

Marks: 1.00

Bookmark ☐

The protocol used by mail server IMAP stands for \_\_\_\_\_.

- (A) ☐ **Internet Message Access Protocol (Correct Answer)**
- (B) ☐ Internet Message Authentication Protocol
- (C) ☐ Internet Message Authorization Protocol
- (D) ☐ Internet Mail Access Protocol (Chosen option)

#### Question No.12

Marks: 1.00

Bookmark ☐

\_\_\_\_\_ is a mechanism that provides the interface between a process and the operating system.

- (A) ☐ BIOS (Chosen option)
- (B) ☐ Alert message
- (C) ☐ **System call (Correct Answer)**
- (D) ☐ CPU scheduler

#### Question No.13

Marks: 1.00

Bookmark ☐

In Microsoft Excel, The percentage style(%) button is available under \_\_\_\_\_ group.

- (A) ☐ Home->Insert group
- (B) ☐ Home->Save group

- (C) ☐ **Home->Number group (Correct Answer)** (Chosen option)  
(D) ☐ Insert->Page group

**Question No.14**

Marks: 1.00

**Bookmark** ☐

\_\_\_\_\_ is the common motherboard interface for personal computers' graphics cards, hard disk drive host adapters, SSDs, Wi-Fi and Ethernet hardware connections.

- (A) ☐ ASP  
(B) ☐ AGP  
(C) ☐ GUI (Chosen option)  
(D) ☐ **PCI (Correct Answer)**

**Question No.15**

Marks: 1.00

**Bookmark** ☐

The special key on the keyboard that has the Windows Logo on it is called \_\_\_\_\_.

- (A) ☐ Alternate key  
(B) ☐ End key  
(C) ☐ **Start key (Correct Answer)** (Chosen option)  
(D) ☐ Control key

**Question No.16**

Marks: 1.00

**Bookmark** ☐

\_\_\_\_\_ feature enables you to insert your name and contact information at the end of all outgoing emails.

- (A) ☐ Footer (Chosen option)  
(B) ☐ Business card  
(C) ☐ **Signature (Correct Answer)**  
(D) ☐ Timest amp

**Question No.17**

Marks: 1.00

**Bookmark** ☐

\_\_\_\_\_ attacks are made by sending an email to target audience and make them provide identifiable information, banking and credit card details, and passwords.

- (A) ☐ Authentication  
(B) ☐ **Phishing (Correct Answer)** (Chosen option)  
(C) ☐ Computer virus  
(D) ☐ Spoofing

**Question No.18**

Marks: 1.00

**Bookmark** ☐

What is the short cut key to insert a page break in MSWord?

- (A) ☐ Ctrl+Insert  
(B) ☐ Ctrl+Home  
(C) ☐ Ctrl+Del  
(D) ☐ **Ctrl+Enter (Correct Answer)** (Chosen option)

**Question No.19**

Marks: 1.00

**Bookmark** ☐

The \_\_\_\_\_ function returns the value of a specified cell or array of cells.

- (A) ☒ **INDEX (Correct Answer)** (Chosen option)
- (B) ☐ FIND
- (C) ☐ LINEST
- (D) ☐ GET

**Question No.20**

Marks: 1.00

**Bookmark** ☐

\_\_\_\_\_ is the use of two or more central processing units (CPUs) within a single computer system.

- (A) ☐ Multicomputing
- (B) ☒ **Multiprocessing (Correct Answer)** (Chosen option)
- (C) ☐ Multithreading
- (D) ☐ Multimedia

