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JKSSB

Previous Year Paper

Junior Supervisor

10 Nov 2021 Shift 2



Roll No:	Registered Photo	Exam Day Photo
Registration No:		
Name:		
Exam Date: 10-Nov-2021		
Exam Time: 13:15-15:15		
Post Name: Junior Supervisor-Sub Auditor		
GENERAL ENGLISH - GENERAL ENGLISH		
<p>Fill in the blanks with suitable Idiom/Phrase from the given alternatives.</p> <p>Kindly _____ till we have an official proclamation, then you can let the results out.</p> <p>(A) <input type="radio"/> eat a horse</p> <p>(B) <input type="radio"/> hold your tie</p> <p>(C) <input checked="" type="radio"/> hold your horses (Correct Answer)</p> <p>(D) <input type="radio"/> mark my words (Chosen option)</p>		
<p>Question No.2</p> <p>Fill in the blanks with suitable Preposition from the given alternatives.</p> <p>I am living _____ my parents.</p> <p>(A) <input checked="" type="radio"/> with (Correct Answer) (Chosen option)</p> <p>(B) <input type="radio"/> at</p> <p>(C) <input type="radio"/> through</p> <p>(D) <input type="radio"/> since</p>		<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>
<p>Question No.3</p> <p>Find the correct active/ passive voice for the given sentence in passive/ active voice from the given alternatives.</p> <p>I have not finished my home work</p> <p>(A) <input type="radio"/> My home work has not finished by me</p> <p>(B) <input checked="" type="radio"/> My home work has not been finished by me (Correct Answer) (Chosen option)</p> <p>(C) <input type="radio"/> My home work has not being finished by me</p> <p>(D) <input type="radio"/> My home work has not be finished by me</p>		<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>
<p>Question No.4</p> <p>Choose the word which expresses nearly the opposite meaning of the given word " ENCROACH ".</p> <p>(A) <input type="radio"/> Intrude</p> <p>(B) <input type="radio"/> Interfere</p>		<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>

- (C) ☐ Crash
- (D) ☐ **Ignore (Correct Answer)** (Chosen option)

Question No.5

Marks: 1.00

Bookmark ☐

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

All the water was drunk by the dog

- (A) ☐ **The dog drank all the water (Correct Answer)** (Chosen option)
- (B) ☐ The dog has drank all the water
- (C) ☐ The dog drinks all the water
- (D) ☐ The dog been drank all the water

Question No.6

Marks: 1.00

Bookmark ☐

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

- (A) ☐ Disagreement
- (B) ☐ Calm
- (C) ☐ **Accord (Correct Answer)** (Chosen option)
- (D) ☐ Rejection

Question No.7

Marks: 1.00

Bookmark ☐

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

- (A) ☐ **Certain (Correct Answer)** (Chosen option)
- (B) ☐ Doubtful
- (C) ☐ Mistrustful
- (D) ☐ Agnostic

Question No.8

Marks: 1.00

Bookmark ☐

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

The chief decided _____ meet all the officials.

- (A) ☐ during
- (B) ☐ **to (Correct Answer)** (Chosen option)
- (C) ☐ for
- (D) ☐ till

Question No.9

Marks: 1.00

Bookmark ☐

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

P. the human resource management that we find today



- Q. significant inter-related developments
 R. since the era of industrial revolution
 S. is the result of a number of
- (A) ☐ QRPS
 (B) ☐ PSRQ
 (C) ☐ QRSP
 (D) ☐ **PSQR (Correct Answer)** (Chosen option)

Case Study - 10 to 11

2.00

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

Question No.10

Marks: 1.00

Bookmark ☐

A. There was a man ____**(A)**____ had four sons. He wanted his sons to learn not to judge things too quickly. So ____**(B)**____ sent them each on a quest, in turn, to go and look at a pear tree that was a great distance away.

(A) ☐ those
 (B) ☐ whom
 (C) ☐ that
 (D) ☐ **who (Correct Answer)** (Chosen option)

Question No.11

Marks: 1.00

Bookmark ☐

B. There was a man ____**(A)**____ had four sons. He wanted his sons to learn not to judge things too quickly. So ____**(B)**____ sent them each on a quest, in turn, to go and look at a pear tree that was a great distance away.

(A) ☐ she
 (B) ☐ they
 (C) ☐ **he (Correct Answer)** (Chosen option)
 (D) ☐ we

Question No.12

Marks: 1.00

Bookmark ☐

Fill in the blank with suitable tense.

James _____ the door.

(A) ☐ paint
 (B) ☐ painting
 (C) ☐ **has painted (Correct Answer)** (Chosen option)
 (D) ☐ had paint

Question No.13

Marks: 1.00

Bookmark ☐

Fill in the blank with suitable tense.

They _____ a few days in Brazil next month.

(A) ☐ **will spend (Correct Answer)** (Chosen option)
 (B) ☐ spent

- (C) ☐ will spent
(D) ☐ have spennd

Question No.14

Marks: 1.00

Bookmark ☐

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

_____ essay is generally a short piece of writing outlining the writer's perspective or story.

- (A) ☐ The (Chosen option)
(B) ☐ A
(C) ☐ No Article
(D) ☐ An (Correct Answer)

Question No.15

Marks: 1.00

Bookmark ☐

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

- (A) ☐ Agreement
(B) ☐ Upgrade
(C) ☐ Argument (Correct Answer) (Chosen option)
(D) ☐ Harmony

Question No.16

Marks: 1.00

Bookmark ☐

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

He came direct from _____ Brazil.

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

Question No.17

Marks: 1.00

Bookmark ☐

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

She was in her _____ when she received her job offer letter

- (A) ☐ lion's share
(B) ☐ seventh heaven (Correct Answer) (Chosen option)
(C) ☐ knock out
(D) ☐ apples to oranges

Question No.18

Marks: 1.00

Bookmark ☐

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

P. for the diplomatic negotiations
Q. between the United States and North Korea
R. is moving again
S. the roller coaster that passes

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

Question No.19

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable pair of words.

There was a horrible _____ noise coming from the _____ hall.

- (A) ☒ **dinning , dining (Correct Answer)** (Chosen option)
(B) ☐ involving, engaging
(C) ☐ dining, dinning
(D) ☐ engaging, involving

Question No.20

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable pair of words.

From any _____, she looks like an _____.

- (A) ☐ bored, board
(B) ☒ **angle, angel (Correct Answer)** (Chosen option)
(C) ☐ angel, angle
(D) ☐ board, bored

GENERAL KNOWLEDGE AND CURRENT AFFAIRS - GENERAL KNOWLEDGE AND CURRENT AFFAIRS

Question No.1

Marks: 1.00

Bookmark ☐

Which among the following rivers originates from the hills of Amarkantak?

- (A) ☒ **Narmada (Correct Answer)** (Chosen option)
(B) ☐ Mahi
(C) ☐ Betwa
(D) ☐ Yamuna

Question No.2

Marks: 1.00

Bookmark ☐

Who developed the first apparatus for long distance radio communication in the 20th century?

- (A) ☐ James C Maxwell (Chosen option)
(B) ☐ Douglas Engelbart
(C) ☐ Alfred Wallace
(D) ☒ **Guglielmo Marconi (Correct Answer)**

Question No.3

Marks: 1.00

Bookmark ☐

In which year was the first Backward Classes Commission appointed under the Chairmanship of Kaka Kalelkar?

- (A) ☐ 1951
(B) ☐ 1955
(C) ☐ **1953 (Correct Answer)**
(D) ☐ 1957 (Chosen option)

Question No.4

Marks: 1.00

Bookmark ☐

In which year did Sachin Nag win the first gold medal for India at the Asian Games held in Delhi?

- (A) ☐ 1953 (Chosen option)
(B) ☐ **1951 (Correct Answer)**
(C) ☐ 1949
(D) ☐ 1947

Question No.5

Marks: 1.00

Bookmark ☐

Which among the following is India's highest honour in the field of Literature?

- (A) ☐ Saraswati Samman
(B) ☐ Kalidas Samman
(C) ☐ Vyas Samman
(D) ☐ **Jnanpith Award (Correct Answer)** (Chosen option)

Question No.6

Marks: 1.00

Bookmark ☐

Who among the following was regarded as the Desert Fox?

- (A) ☐ Walter Scott
(B) ☐ **General Erwin Rommel (Correct Answer)**
(C) ☐ William Eisenhower
(D) ☐ Otto Van Bismarck

Question No.7

Marks: 1.00

Bookmark ☐

In which year was the first Women's Cricket World Cup held?

- (A) ☐ 1971
(B) ☐ 1975
(C) ☐ **1973 (Correct Answer)**
(D) ☐ 1977

Question No.8

Marks: 1.00

Bookmark ☐

The Indian Institute of Skills, Mumbai has been established in partnership with which company?

- (A) ☐ L&T

- (B) ☐ Ashok Leyland
(C) ☐ **Tata IIS (Correct Answer)** (Chosen option)
(D) ☐ Reliance Industries

Question No.9

Marks: 1.00

Bookmark ☐

In which of the following sessions was the Indian National Congress split into Moderates and Extremists?

- (A) ☐ Bombay
(B) ☐ **Surat (Correct Answer)** (Chosen option)
(C) ☐ Calcutta
(D) ☐ Lucknow

Question No.10

Marks: 1.00

Bookmark ☐

In which Indian city was the Tagore Centre for the Study of Culture and Civilization established?

- (A) ☐ **Shimla (Correct Answer)**
(B) ☐ Calicut
(C) ☐ Udhaipur
(D) ☐ Shillong (Chosen option)

Question No.11

Marks: 1.00

Bookmark ☐

Who among the following holds the record for the longest cumulative boxing heavyweight title reign of all time?

- (A) ☐ Muhammed Ali (Chosen option)
(B) ☐ **Wladimir Klitschko (Correct Answer)**
(C) ☐ Joe Louis
(D) ☐ Lennox Lewis

Question No.12

Marks: 1.00

Bookmark ☐

In which year was the National Agricultural Cooperative Marketing Federation of India Ltd. (NAFED) constituted?

- (A) ☐ 1962
(B) ☐ **1958 (Correct Answer)**
(C) ☐ 1956
(D) ☐ 1960

Question No.13

Marks: 1.00

Bookmark ☐

In which year was the National Malaria Control Programme launched by the Government of India?

- (A) ☐ 1958
(B) ☐ 1968
(C) ☐ 1963

(D) ☐ **1953 (Correct Answer)**

Question No.14

Marks: 1.00

Bookmark ☐

What do the microorganisms such as Rhizobium and Blue Green Algae help in the fixation of?

- (A) ☐ Carbondi Oxide
- (B) ☐ **Nitrogen (Correct Answer)** (Chosen option)
- (C) ☐ Carbon monoxide
- (D) ☐ Sulphurdi Oxide

Question No.15

Marks: 1.00

Bookmark ☐

Which among the following countries was the first to make the sanitary products free to all women ?

- (A) ☐ **Scotland (Correct Answer)**
- (B) ☐ France
- (C) ☐ Canada
- (D) ☐ Norway (Chosen option)

Question No.16

Marks: 1.00

Bookmark ☐

Where is the headquarters of the International Shooting Sports Federation (ISSF), located?

- (A) ☐ **Munich, Germany (Correct Answer)** (Chosen option)
- (B) ☐ Rome, Italy
- (C) ☐ Zurich, Switzerland
- (D) ☐ Los Angeles, USA

Question No.17

Marks: 1.00

Bookmark ☐

Which among the following Acts by the British government was otherwise known as the "Black Act"?

- (A) ☐ Pitt's India Act of 1784 (Chosen option)
- (B) ☐ Indian Council Act of 1892
- (C) ☐ The Regulating Act of 1773
- (D) ☐ **Rowlatt Act of 1919 (Correct Answer)**

Question No.18

Marks: 1.00

Bookmark ☐

How are the barren hilly terrains, desert lands and ravines classified as?

- (A) ☐ Permanent pastures
- (B) ☐ **Wastelands (Correct Answer)** (Chosen option)
- (C) ☐ Culturable wastelands
- (D) ☐ Fallow lands

Question No.19

Marks: 1.00

Bookmark ☐

Which among the following parties was formed by some Moderate Congress leaders that condemned the Montford Report?

- (A) ☐ Independence Federation of India
- (B) ☐ Indian Freedom Party
- (C) ☐ **Indian Liberal Federation (Correct Answer)**
- (D) ☐ Swarajya Party (Chosen option)

Question No.20

Marks: 1.00

Bookmark ☐

In which Indian state is Tehri Hydropower Complex located?

- (A) ☐ **Uttarakhand (Correct Answer)** (Chosen option)
- (B) ☐ Telangana
- (C) ☐ Gujarat
- (D) ☐ Mizoram

GENERAL KNOWLEDGE - GENERAL KNOWLEDGE

Question No.1

Marks: 1.00

Bookmark ☐

Who among the following Emperors introduced "Buddhism" to the valley of Kashmir?

- (A) ☐ Emperor Jahangir
- (B) ☐ **Emperor Ashoka (Correct Answer)** (Chosen option)
- (C) ☐ Emperor Bahadur Shah
- (D) ☐ Emperor Krishnadevaraya

Question No.2

Marks: 1.00

Bookmark ☐

Verinag spring which is the source of Jhelum river is located in which district of Jammu and Kashmir?

- (A) ☐ Ramban
- (B) ☐ Kupwara
- (C) ☐ Doda
- (D) ☐ **Anantnag (Correct Answer)** (Chosen option)

Question No.3

Marks: 1.00

Bookmark ☐

Bahu Mela is one of the most popular festivals in Jammu and Kashmir which is celebrated in the Bahu fort in which of the following districts?

- (A) ☐ Anantnag
- (B) ☐ **Jammu (Correct Answer)** (Chosen option)
- (C) ☐ Ganderbal
- (D) ☐ Srinagar

Question No.4

Marks: 1.00

Bookmark ☐

Which among the following Tunnels in Jammu & Kashmir is also known as Chenani -

Nashri Tunnel?

- (A) ☐ Qazigund Tunnel
- (B) ☐ Pirpanjal Railway Tunnel
- (C) ☐ **Dr. Syama Prasad Mookerjee Tunnel (Correct Answer)** (Chosen option)
- (D) ☐ Natuwadi Tunnel

Question No.5

Marks: 1.00

Bookmark ☐

_____ Lake is located in the Pir Panjal Range in Jammu and Kashmir.

- (A) ☐ Pulicat Lake
- (B) ☐ Pushkar Lake
- (C) ☐ **Kausar Nag (Correct Answer)** (Chosen option)
- (D) ☐ Pichola Lake

Question No.6

Marks: 1.00

Bookmark ☐

A special dance called the 'Chajja' dance is held on the occasion of _____ in Jammu and Kashmir.

- (A) ☐ **Lohri (Correct Answer)** (Chosen option)
- (B) ☐ Baishakhi
- (C) ☐ Urs
- (D) ☐ Hemis Festival

Question No.7

Marks: 1.00

Bookmark ☐

What is the term of Legislative assembly of Union Territory of Jammu and Kashmir?

- (A) ☐ 9 Years
- (B) ☐ 10 Years
- (C) ☐ 7 Years
- (D) ☐ **5 Years (Correct Answer)** (Chosen option)

Question No.8

Marks: 1.00

Bookmark ☐

The Tarsar and Marsar lakes are the two most significant lakes of which of the following districts of Jammu and Kashmir?

- (A) ☐ Ramban
- (B) ☐ Srinagar (Chosen option)
- (C) ☐ **Pulwama (Correct Answer)**
- (D) ☐ Dosa

Question No.9

Marks: 1.00

Bookmark ☐

_____ is a synoptic system in Mid Latitude which moves from west to east across North India (Jammu & Kashmir).

- (A) ☐ **Western Disturbances (Correct Answer)** (Chosen option)
- (B) ☐ Thunderstorms
- ☐

- (C) Fogs
(D) ☐ Dust Storms

Question No.10

Marks: 1.00

Bookmark ☐

_____ is the major fruit crop cultivated more than 1 lakh hectare in Jammu & Kashmir.

- (A) ☒ **Apple (Correct Answer)** (Chosen option)
(B) ☐ Papaya
(C) ☐ Banana
(D) ☐ Jack Fruit

Question No.11

Marks: 1.00

Bookmark ☐

The Airwan temple which is one of the oldest temples in Jammu and Kashmir believed to have been constructed by which of the following Kings?

- (A) ☐ Samudragupta
(B) ☐ Kalyanavarman
(C) ☒ **Vikramditya (Correct Answer)**
(D) ☐ Chandragupta I (Chosen option)

Question No.12

Marks: 1.00

Bookmark ☐

Which of the following Gurudwara is situated in Rainwari area of Srinagar?

- (A) ☐ Gurudwara Maskiana Shahib
(B) ☒ **Gurudwara Patshahi Chevin (Correct Answer)**
(C) ☐ Gurudwara Sri Pipli Sahib
(D) ☐ Gurudwara Sri Tibbi Sahib

Question No.13

Marks: 1.00

Bookmark ☐

Golden Eagle species is in _____ status according to IUCN's Red Data Book in Jammu & Kashmir Region.

- (A) ☐ Near Threatened
(B) ☐ Vulnerable
(C) ☒ **Least Concern (Correct Answer)**
(D) ☐ Endangered (Chosen option)

Question No.14

Marks: 1.00

Bookmark ☐

Sangral-Asa Chak Wetland Reserves is in which district of Jammu and Kashmir?

- (A) ☐ Srinagar
(B) ☐ Ganderbal (Chosen option)
(C) ☐ Baramulla
(D) ☒ **Jammu (Correct Answer)**

<p>Question No.15</p> <p>74th Amendment Act has added which of the following parts to the Constitution of India?</p> <p>(A) <input type="radio"/> Part IXB</p> <p>(B) <input type="radio"/> Part IX</p> <p>(C) <input type="radio"/> Part IXA (Correct Answer)</p> <p>(D) <input type="radio"/> Part X</p>	<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>
<p>Question No.16</p> <p>In which year the Dachigam protected area was upgraded and declared as a National Park?</p> <p>(A) <input type="radio"/> 1981 (Correct Answer)</p> <p>(B) <input type="radio"/> 1972</p> <p>(C) <input type="radio"/> 1914</p> <p>(D) <input type="radio"/> 1992 (Chosen option)</p>	<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>
<p>Question No.17</p> <p>In which year, the Treaty of Amritsar was signed between the British Government and Maharajah Gulab Singh?</p> <p>(A) <input type="radio"/> 1996 A.D.</p> <p>(B) <input type="radio"/> 1946 A.D.</p> <p>(C) <input type="radio"/> 1896 A.D.</p> <p>(D) <input type="radio"/> 1846 A.D. (Correct Answer) (Chosen option)</p>	<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>
<p>Question No.18</p> <p>Who among the following is called 'Payyoli Express'?</p> <p>(A) <input type="radio"/> Palakkeezhil Unnikrishnan Chitra (Chosen option)</p> <p>(B) <input type="radio"/> Milkha Singh</p> <p>(C) <input type="radio"/> PT Usha (Correct Answer)</p> <p>(D) <input type="radio"/> Subedar Neeraj Chopra</p>	<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>
<p>Question No.19</p> <p>Which of the following state has Panchayati Raj institution?</p> <p>(A) <input type="radio"/> Andhra Pradesh (Correct Answer)</p> <p>(B) <input type="radio"/> Mizoram (Chosen option)</p> <p>(C) <input type="radio"/> Meghalaya</p> <p>(D) <input type="radio"/> Nagaland</p>	<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>
<p>Question No.20</p> <p>_____ is the only Union Territory in India declared as Agri Export Zone for Walnuts.</p>	<p>Marks: 1.00</p> <p>Bookmark <input type="checkbox"/></p>

- (A) ☐ Union Territory of Haryana
- (B) ☐ Union Territory of Lakswadeep Islands
- (C) ☐ **Union Territory of Jammu & Kashmir (Correct Answer)** (Chosen option)
- (D) ☐ Union Territory of Daman and Diu

GENERAL SCIENCE - GENERAL SCIENCE

Question No.1

Marks: 1.00

Bookmark ☐

In which zone of earth's atmosphere does the cloud formation take place?

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

Question No.2

Marks: 1.00

Bookmark ☐

Where was oil discovered for the first time in India?

- (A) ☐ Bihar
- (B) ☐ **Assam (Correct Answer)** (Chosen option)
- (C) ☐ Himachal Pradesh
- (D) ☐ Sikkim

Question No.3

Marks: 1.00

Bookmark ☐

Which of the following group of animals get nutrition by feeding only on animals?

- (A) ☐ Herbivores
- (B) ☐ **Carnivores (Correct Answer)** (Chosen option)
- (C) ☐ Saprophytes
- (D) ☐ Autotrophs

Question No.4

Marks: 1.00

Bookmark ☐

Which of the following vitamin deficiencies causes night blindness?

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

Question No.5

Marks: 1.00

Bookmark ☐

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

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

Question No.6

Marks: 1.00

Bookmark ☐

What is the SI unit of the luminous intensity?

- (A) ☐ Ampere
- (B) ☒ **Candela (Correct Answer)** (Chosen option)
- (C) ☐ Pascal
- (D) ☐ Mole

Question No.7

Marks: 1.00

Bookmark ☐

Which of the following is an example of elastomers?

- (A) ☒ **Rubber (Correct Answer)**
- (B) ☐ Copper
- (C) ☐ Bakelite (Chosen option)
- (D) ☐ Iron

Question No.8

Marks: 1.00

Bookmark ☐

By which of the following process microbes degrade humus and release inorganic nutrients?

- (A) ☐ Biomagnification (Chosen option)
- (B) ☒ **Mineralisation (Correct Answer)**
- (C) ☐ Leaching
- (D) ☐ Bioaccumulation

Question No.9

Marks: 1.00

Bookmark ☐

Which of the following characteristics shows particle nature of light?

- (A) ☒ **Photoelectric Effect (Correct Answer)** (Chosen option)
- (B) ☐ Polarization
- (C) ☐ Interference
- (D) ☐ Total Internal Reflection

Question No.10

Marks: 1.00

Bookmark ☐

What is the SI unit of the electrical resistivity?

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

Question No.11

Marks: 1.00

Bookmark ☐

Which of the following instruments is used to measure electric current?

- (A) ☐ Voltmeter
- (B) ☐ Barometer

- (C) ☐ Anemometer
(D) ☐ **Ammeter (Correct Answer)** (Chosen option)

Question No.12

Marks: 1.00

Bookmark ☐

Which of the following has minimum wavelength in an electromagnetic spectrum?

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

Question No.13

Marks: 1.00

Bookmark ☐

The complete breakdown of glucose in the presence of oxygen in a cell takes place in _____.

- (A) ☐ Cytoplasm (Chosen option)
(B) ☐ **Mitochondria (Correct Answer)**
(C) ☐ Chloroplast
(D) ☐ Golgi Apparatus

Question No.14

Marks: 1.00

Bookmark ☐

Which type of energy source is wave energy?

- (A) ☐ **Non-Conventional (Correct Answer)** (Chosen option)
(B) ☐ Exhaustible
(C) ☐ Conventional
(D) ☐ Non-Renewable

Question No.15

Marks: 1.00

Bookmark ☐

Which of the following is an example of greenhouse gas?

- (A) ☐ Neon
(B) ☐ Xenon
(C) ☐ Nitrogen
(D) ☐ **Methane (Correct Answer)** (Chosen option)

Question No.16

Marks: 1.00

Bookmark ☐

What is the chemical symbol of Gold?

- (A) ☐ K
(B) ☐ I
(C) ☐ Fe
(D) ☐ **Au (Correct Answer)** (Chosen option)

Question No.17

Marks: 1.00

Bookmark ☐

Momentum is measured as the product of which two variables of a particle?

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

Question No.18

Marks: 1.00

Bookmark ☐

Which of the following vitamins is also known as Pyridoxine?

- (A) ☐ Vitamin B2
- (B) ☐ Vitamin B5 (Chosen option)
- (C) ☐ **Vitamin B6 (Correct Answer)**
- (D) ☐ Vitamin C

Question No.19

Marks: 1.00

Bookmark ☐

Among the following state of matter where is the least intermolecular forces found?

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

Question No.20

Marks: 1.00

Bookmark ☐

What is the atomicity of Chlorine?

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

MENTAL ABILITY TEST - MENTAL ABILITY TEST

Question No.1

Marks: 1.00

Bookmark ☐

Find the next number in the series.

27, 53, 95, 153, 227, ?

- (A) ☐ 318
- (B) ☐ **317 (Correct Answer)**
- (C) ☐ 319 (Chosen option)
- (D) ☐ 316

Question No.2

Marks: 1.00

Bookmark ☐

Find the next number in the series.

2700, 225, 90, 7.5, 3, 0.25, ?

- (A) ☐ 0.2
- (B) ☐ 0.4

- (C) ☐ 0.1 (Correct Answer) (Chosen option)
(D) ☐ 0.3

Question No.3

Marks: 1.00

Bookmark ☐

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

Statements: $P > A \geq R$; $Y < T = R$

Conclusions:

- i) $P > Y$
ii) $R \geq Y$

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

Case Study - 4 to 5

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.4

Marks: 1.00

Bookmark ☐

Statement: A family that plays Farmville on Facebook together stays together.

Conclusions:

- i) A family that doesn't play Farmville on Facebook will not share a good bond.
ii) Every person in a family is suggested to open a facebook account to enhance family bond.

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

Question No.5

Marks: 1.00

Bookmark ☐

Statement: Girls native to Seoul will definitely get married at the age of 23. Joon, a 24 years old girl, native to Seoul, has a sister younger to her by 2 years.

Conclusions:

- i) Joon is married
- ii) Joon's sister is married.

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

Case Study - 6 to 8

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.6

Marks: 1.00

Bookmark ☐

Statements: Some cats are rats. All rats are rabbits. All cats are bats.

Conclusions:

- i) Some cats are rabbits.
- ii) Some bats are rats.

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

Question No.7

Marks: 1.00

Bookmark ☐

Statements: Some trees are plants. Some plants are flowers.

Conclusions:

- i) Some trees are flowers.
- ii) Some plants are trees.

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

Question No.8

Marks: 1.00

Bookmark ☐

Statements: All pens are notebooks. All Papers are pens.

Conclusions:

- i) All Papers are notebooks.
- ii) All notebooks are pens.

- (A) ☐ C
- (B) ☐ B

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

Question No.9

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

Question No.10

Marks: 1.00

Bookmark ☐

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

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

Question No.11

Marks: 1.00

Bookmark ☐

A train, 475 m long, passes a platform which is 2055 m long in 46 seconds. Find the speed of the train in m/sec.

- (A) ☐ 50
(B) ☐ 45
(C) ☐ 55 (Correct Answer) (Chosen option)
(D) ☐ 40

Question No.12

Marks: 1.00

Bookmark ☐

In which of the following is the expression '**U > I**' probably false?

- (A) ☐ $E \geq Q = U > A \geq T = I$
(B) ☐ $E < Q < U > A \geq T = I$ (Chosen option)
(C) ☐ **$E \geq Q = U \geq A \geq T = I$** (Correct Answer)
(D) ☐ $E < Q = U > A \geq T = I$

Question No.13

Marks: 1.00

Bookmark ☐

M is in the South of E who is in the East of A. L is in the North of J who is in the East of E. Which direction of A is L?

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

Question No.14

Marks: 1.00

Bookmark ☐

A train 1110 metres long is running at a speed of 167 km/hr. How many seconds will it take to cross a 740 metres long train running in the same direction at a speed of 137 km/hr?

- (A) ☐ 219
- (B) ☒ 222 (Correct Answer)
- (C) ☐ 228
- (D) ☐ 225

Case Study - 15 to 16

2.00

Directions: In a certain code language:
'right are wrong' is written as 'an th ur',
'friends go right' is written as 'bi kl an',
'they are friends' is written as 'co bi th'.

Question No.15

Marks: 1.00

Bookmark ☐

What does the code 'kl' stand for?

- (A) ☒ go (Correct Answer) (Chosen option)
- (B) ☐ right
- (C) ☐ friends
- (D) ☐ are

Question No.16

Marks: 1.00

Bookmark ☐

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

- (A) ☐ ur
- (B) ☐ kl
- (C) ☒ an (Correct Answer) (Chosen option)
- (D) ☐ th

Question No.17

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 R related to T?

- (A) ☒ Maternal Uncle (Correct Answer)
- ☐

- (B) ☐ Paternal Grandmother
- (C) ☐ Maternal Grandfather
- (D) ☐ Paternal Grandfather

Question No.18

Marks: 1.00

Bookmark ☐

Find the next number in the series.
2, 10, 14, 70, 98, 490, ?

- (A) ☐ 688
- (B) ☐ 687
- (C) ☐ 690
- (D) ☐ 686 (Correct Answer) (Chosen option)

Question No.19

Marks: 1.00

Bookmark ☐

In which of the following is the expression ' $E > A$ ' definitely true?

- (A) ☐ $E < Q = U > A \geq T = I$
- (B) ☐ $E < Q < U > A \geq T = I$
- (C) ☐ $E \geq Q = U > A \geq T = I$ (Correct Answer) (Chosen option)
- (D) ☐ $E \geq Q = U \geq A \geq T = I$

Question No.20

Marks: 1.00

Bookmark ☐

A train passes a telegraph post in 90 seconds moving with a speed of 801 km per hour.
Find the length of the train.(in metres)

- (A) ☐ 22025
- (B) ☐ 21025
- (C) ☐ 19925
- (D) ☐ 20025 (Correct Answer) (Chosen option)

COMPUTER APPLICATIONS - COMPUTER APPLICATIONS

Question No.1

Marks: 1.00

Bookmark ☐

_____ is the response code that the user will see when the website they are looking for is not available.

- (A) ☐ 202
- (B) ☐ 200
- (C) ☐ 500
- (D) ☐ 404 (Correct Answer) (Chosen option)

Question No.2

Marks: 1.00

Bookmark ☐

Which of the following options is not an option in Freeze Panes?

- (A) ☐ Freeze First Row (Correct Answer)
- (B) ☐ Freeze First Column
- (C) ☐ Freeze Top Row (Chosen option)

(D) ☐ Unfreeze Panes

Question No.3

Marks: 1.00

Bookmark ☐

When the computer restarts or when reset button is pressed, it is called:

- (A) ☐ Normal Booting
- (B) ☐ Warm Booting (Correct Answer)
- (C) ☐ Reset Booting (Chosen option)
- (D) ☐ Cold Booting

Question No.4

Marks: 1.00

Bookmark ☐

_____ is a small amount of memory on a computer motherboard that stores the BIOS settings.

- (A) ☐ CMOS (Correct Answer)
- (B) ☐ NIC
- (C) ☐ UEFI (Chosen option)
- (D) ☐ POST

Question No.5

Marks: 1.00

Bookmark ☐

_____ are the ability to get a system up and running in the event of a system crash or failure.

- (A) ☐ Backup and Reset
- (B) ☐ Restart and Format
- (C) ☐ Reset and Flash (Chosen option)
- (D) ☐ Backup and Recovery (Correct Answer)

Question No.6

Marks: 1.00

Bookmark ☐

Devices such as Trackball and Touch pads are categorized as _____.

- (A) ☐ Pointing devices (Correct Answer) (Chosen option)
- (B) ☐ Storage devices
- (C) ☐ Display devices
- (D) ☐ Printing devices

Question No.7

Marks: 1.00

Bookmark ☐

_____ error is shown when the function on a formula is used incorrectly.

- (A) ☐ #Div/0
- (B) ☐ #Value (Correct Answer)
- (C) ☐ #Ref
- (D) ☐ #Null (Chosen option)

Question No.8

Marks: 1.00

Bookmark ☐

_____ is handled by the BIOS, to initialize very specific peripheral devices, notably for video and SCSI initialization.

- (A) ☐ Integrity Test
- (B) ☐ Reliability Test
- (C) ☐ Correct Functioning Test (Chosen option)
- (D) ☐ Power-On Self-Test (Correct Answer)

Question No.9

Marks: 1.00

Bookmark ☐

_____ key needs to be pressed along with an alphabet key to type characters in Uppercase.

- (A) ☐ Tab
- (B) ☐ Ctrl
- (C) ☐ Enter
- (D) ☐ Shift (Correct Answer) (Chosen option)

Question No.10

Marks: 1.00

Bookmark ☐

The popular sites such as facebook, twitter and Instagram are categorized as _____.

- (A) ☐ E-commerce sites
- (B) ☐ Banking sites
- (C) ☐ Social Media sites (Correct Answer) (Chosen option)
- (D) ☐ Regulatory sites

Question No.11

Marks: 1.00

Bookmark ☐

How will you move to the next cell in a row using shortcut?

- (A) ☐ Home
- (B) ☐ Esc
- (C) ☐ Tab (Correct Answer) (Chosen option)
- (D) ☐ End

Question No.12

Marks: 1.00

Bookmark ☐

Which one of the following is not a font style ?

- (A) ☐ Regular
- (B) ☐ Italics
- (C) ☐ Superscript (Correct Answer) (Chosen option)
- (D) ☐ Bold

Question No.13

Marks: 1.00

Bookmark ☐

The ghost text such as Draft or Confidential, that is displayed across the page of a word document is called _____.

- (A) ☐ Bookmark (Chosen option)
- (B) ☐ Watermark (Correct Answer)
- ☐

- (C) Wordstyle
(D) ☐ Wordart

Question No.14

Marks: 1.00

Bookmark ☐

_____ series type in the Autofill feature, calculates the series values by adding the value you enter in the Step Value box to each cell in the series.

- (A) ☒ **Linear (Correct Answer)**
(B) ☐ Aggregate
(C) ☐ Progressive (Chosen option)
(D) ☐ Growth

Question No.15

Marks: 1.00

Bookmark ☐

What is the term for a temporary storage area that compensates for differences in data rate and data flow between devices?

- (A) ☐ Bus
(B) ☒ **Buffer (Correct Answer)** (Chosen option)
(C) ☐ USB
(D) ☐ Channel

Question No.16

Marks: 1.00

Bookmark ☐

What is the short form of Binary digit ?

- (A) ☐ Byte
(B) ☒ **Bit (Correct Answer)** (Chosen option)
(C) ☐ Nibble
(D) ☐ GB

Question No.17

Marks: 1.00

Bookmark ☒

_____ function in Excel, returns the information about formatting, location or contents of the first cell, according to the sheets reading order in the given reference.

- (A) ☐ Cellinfo
(B) ☒ **Cell (Correct Answer)**
(C) ☐ Islogical
(D) ☐ Isformula

Question No.18

Marks: 1.00

Bookmark ☒

Which of the following option in sort menu is used to specify that the selected range of data has header row?

- (A) ☐ Sort->data headers
(B) ☐ Sort->view->data headers
(C) ☒ **Sort->My data has headers (Correct Answer)**
(D) ☐ Sort->data has headers

Question No.19

Marks: 1.00

Bookmark ☐

_____ is a computer, that is integrated into devices and is dedicated to the functions of a specific device.

- (A) ☐ Servers
- (B) ☐ Robotic computers
- (C) ☐ Mainframes
- (D) ☐ **Embedded computers (Correct Answer)** (Chosen option)

Question No.20

Marks: 1.00

Bookmark ☐

In Windows 10 Operating system, _____ key combination opens the share pane, which allows you to share a screenshot of the current desktop.

- (A) ☐ Windows+A
- (B) ☐ **Windows+H (Correct Answer)**
- (C) ☐ Windows+E (Chosen option)
- (D) ☐ Windows+D

