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JKSSB

Previous Year Paper
Junior Supervisor
10 Nov 2021 Shift 1



Roll No:

Registration No:

Name:

Exam Date: 10-Nov-2021

Exam Time: 11:15-13:15

Post Name: Junior Supervisor-Sub Auditor

Registered Photo

Exam Date photo

GENERAL ENGLISH - GENERAL ENGLISH

Case Study - 1 to 2

2.00

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

Question No.1

Marks: 1.00

Bookmark

B. The baker made his musical entry on the scene with the 'Jhang jhung' sound of ____ (A) ____ specially made bamboo staff. One hand supported the basket on his head and the other banged the bamboo on the ground. He would greet the lady of the house with 'Good Morning' and then place his basket on the vertical bamboo. ____ (B) ____ kids would be pushed aside with a mild rebuke and the loaves would be delivered to the servant.

- (A) ☐ it
(B) ☐ us
(C) ☐ itself
(D) ☒ We (Correct Answer) (Chosen option)

Question No.2

Marks: 1.00

Bookmark

B. The baker made his musical entry on the scene with the 'Jhang jhung' sound of ____ (A) ____ specially made bamboo staff. One hand supported the basket on his head and the other banged the bamboo on the ground. He would greet the lady of the house with 'Good Morning' and then place his basket on the vertical bamboo. ____ kids would be pushed aside with a mild rebuke and the loaves would be delivered to the servant.

- (A) ☒ his (Correct Answer) (Chosen option)
(B) ☐ them
(C) ☐ they
(D) ☐ us

Question No.3

Marks: 1.00

Bookmark

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

Which dress is liked by you?

- (A) ☐ Which dress does you like?
(B) ☐ Which dress do you liked?
(C) ☒ Which dress do you like? (Correct Answer)
(D) ☐ Which dress did you like? (Chosen option)

Question No.4

Marks: 1.00

Bookmark ☐

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

Jasprit Bumrah has taken _____ cricketing world by storm.

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

Question No.5

Marks: 1.00

Bookmark ☐

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

In April last year, _____ Reserve Bank of India issued a directive on Storage of Payment System Data.

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

Question No.6

Marks: 1.00

Bookmark ☐

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

Jijo looking for his lost phone may be on a _____

- (A) ☒ **wild goose chase (Correct Answer)** (Chosen option)
(B) ☐ sleep tight
(C) ☐ pat on the back
(D) ☐ seventh heaven

Question No.7

Marks: 1.00

Bookmark ☐

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

- (A) ☐ Narrow
(B) ☐ Spare
(C) ☒ **Heavy (Correct Answer)** (Chosen option)
(D) ☐ Fragile

Question No.8

Marks: 1.00

Bookmark ☐

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

What is the time _____ your watch?

- (A) ☐ on
(B) ☐ through

- (C) ☐ at
(D) ☐ **by (Correct Answer)** (Chosen option)

Question No.9

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable pair of words.

_____, the teachers and parents met _____ to discuss the complaints.

- (A) ☐ **Formerly, formally (Correct Answer)**
(B) ☐ farther, further
(C) ☐ further, farther (Chosen option)
(D) ☐ Formally, formerly

Question No.10

Marks: 1.00

Bookmark ☐

Fill in the blank with suitable tense.

My sister _____ rice for me.

- (A) ☐ cooking (Chosen option)
(B) ☐ **has cooked (Correct Answer)**
(C) ☐ have cooked
(D) ☐ cook

Question No.11

Marks: 1.00

Bookmark ☐

Fill in the blank with suitable tense.

The air _____ strange.

- (A) ☐ has smell
(B) ☐ smell
(C) ☐ have smell (Chosen option)
(D) ☐ **smells (Correct Answer)**

Question No.12

Marks: 1.00

Bookmark ☐

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

P. the programme at Asolpara and their vehicles

Q. the FIR added

R. the dancers managed to escape from

S. were also pelted with stones,

- (A) ☐ PQRS
(B) ☐ PQSR
(C) ☐ **RPSQ (Correct Answer)**
(D) ☐ RPQS (Chosen option)

Question No.13

Marks: 1.00

Bookmark ☐

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

This new education program is the _____ if we want to save our institution

- (A) ☐ bronze linings
- (B) ☒ **way forward (Correct Answer)**
- (C) ☐ play by ear (Chosen option)
- (D) ☐ long wire

Question No.14

Marks: 1.00

Bookmark ☐

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

The pen will not be stolen by him

- (A) ☐ He will not be steal the pen
- (B) ☐ He will not be stealing the pen (Chosen option)
- (C) ☒ **He will not steal the pen (Correct Answer)**
- (D) ☐ He will not steal pen

Question No.15

Marks: 1.00

Bookmark ☐

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

- (A) ☐ Sympathy
- (B) ☒ **Hate (Correct Answer)**
- (C) ☐ Admiration
- (D) ☐ Approval

Question No.16

Marks: 1.00

Bookmark ☐

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

- (A) ☐ Curtail
- (B) ☒ **Enlarge (Correct Answer)**
- (C) ☐ Diminish
- (D) ☐ Condense

Question No.17

Marks: 1.00

Bookmark ☐

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

- (A) ☐ Applause
- (B) ☒ **Silence (Correct Answer)**
- (C) ☐ Cheers
- (D) ☐ Salutation

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. offer unlimited seats to six Indian metro
Q. In June 2018, India has signed an open sky agreement with
R. cities and various Australian cities.
S. Australia allowing airlines on either side to
- (A) ☐ RQSP
(B) ☒ QSPR (Correct Answer) (Chosen option)
(C) ☐ SPRQ
(D) ☐ QSRP

Question No.19

Marks: 1.00

Bookmark ☐

Fill in the blanks with suitable pair of words.

The _____ of the web series passed away due to the overdose of _____.

- (A) ☐ immigrant, emigrant
(B) ☐ emigrant, immigrant (Chosen option)
(C) ☐ heroin, heroine
(D) ☒ heroine, heroin (Correct Answer)

Question No.20

Marks: 1.00

Bookmark ☐

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

She feels a lot more confident _____ herself.

- (A) ☐ over
(B) ☒ to (Correct Answer) (Chosen option)
(C) ☐ since
(D) ☐ above

GENERAL KNOWLEDGE AND CURRENT AFFAIRS - GENERAL KNOWLEDGE AND CURRENT AFFAIRS

Question No.1

Marks: 1.00

Bookmark ☐

Who among the following was associated with the Gudam Rampa Rebellion?

- (A) ☐ Birsa Munda (Chosen option)
(B) ☒ Alluri Sitaram Raju (Correct Answer)
(C) ☐ Mangal Pandey
(D) ☐ Kushal Konwar

Question No.2

Marks: 1.00

Bookmark ☐

Luis Arce, has been elected as the new President of which among the following countries?

- (A) ☐ Kenya (Chosen option)
(B) ☐ Colombia

- (C) ☐ Argentina
(D) ☐ **Bolivia (Correct Answer)**

Question No.3

Marks: 1.00

Bookmark ☐

Who among the following was the first Asian lady Swimmer to have crossed the English Channel?

- (A) ☐ Nilima Ghosh
(B) ☐ Beula Choudhary (Chosen option)
(C) ☐ **Arati Saha (Correct Answer)**
(D) ☐ Priti Patel

Question No.4

Marks: 1.00

Bookmark ☐

Which among the following lakes is situated in the Indian state of Madhya Pradesh?

- (A) ☐ Santragachi Lake
(B) ☐ Ramgarh Lake
(C) ☐ **Upper Lake (Correct Answer)**
(D) ☐ Chandra Taal (Chosen option)

Question No.5

Marks: 1.00

Bookmark ☐

Who among the following was the first Director General of the World Health Organisation?

- (A) ☐ Tedros Adhanom
(B) ☐ Lee Jong-wook (Chosen option)
(C) ☐ **Brock Chisholm (Correct Answer)**
(D) ☐ Margaret Chan

Question No.6

Marks: 1.00

Bookmark ☐

In which year was the National Hydroelectric Power Corporation established?

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

Question No.7

Marks: 1.00

Bookmark ☐

In which among the following Indian states is the post harvest festival, Chakan Gaan-Ngai celebrated?

- (A) ☐ Arunachal Pradesh (Chosen option)
(B) ☐ Sikkim
(C) ☐ **Manipur (Correct Answer)**
(D) ☐ Meghalaya

Question No.8

Marks: 1.00

Bookmark ☐

In which year was the National Commission on Farmers constituted?

- (A) ☐ 2000
(B) ☐ 1998
(C) ☐ 1996
(D) ☐ **2004 (Correct Answer)** (Chosen option)

Question No.9

Marks: 1.00

Bookmark ☐

In which among the following events did Mary Kom win an Olympic Medal?

- (A) ☐ Shooting
(B) ☐ Weighlifting
(C) ☐ Badminton
(D) ☐ **Boxing (Correct Answer)** (Chosen option)

Question No.10

Marks: 1.00

Bookmark ☐

The Asian Games, also called the Asiad, is a multi-sport event held every _____ years among the athletes belonging to the Asian continent.

- (A) ☐ **4 (Correct Answer)** (Chosen option)
(B) ☐ 3
(C) ☐ 2
(D) ☐ 6

Question No.11

Marks: 1.00

Bookmark ☐

Which of the following water bodies are connected by the Suez Canal?

- (A) ☐ Arabian Sea and Indian Ocean
(B) ☐ **Mediterranean Sea and Red Sea (Correct Answer)** (Chosen option)
(C) ☐ Black Sea and Mediterranean Sea
(D) ☐ Atlantic Ocean and Pacific Ocean

Question No.12

Marks: 1.00

Bookmark ☐

With which organisation is Covid - 19 Shri Shakti Challenge organised by MyGov collaboration?

- (A) ☐ **UN Women (Correct Answer)**
(B) ☐ Shanghai Cooperation Organisation
(C) ☐ World Economic Forum (Chosen option)
(D) ☐ BRICS

Question No.13

Marks: 1.00

Bookmark ☐

Which Revolution was associated with the 'Operation Flood' launched in January 1970?

- (A) ☐ **White Revolution (Correct Answer)** (Chosen option)
☐

- (B) Green Revolution
(C) ☐ Brown Revolution
(D) ☐ Golden Revolution

Question No.14

Marks: 1.00

Bookmark ☐

Which among the following places was associated with the Dhar Rao Banda rebellion?

- (A) ☐ Jaipur
(B) ☐ **Satara (Correct Answer)** (Chosen option)
(C) ☐ Naga Hills
(D) ☐ Madras

Question No.15

Marks: 1.00

Bookmark ☐

What does the 'Article 6' of the Universal Declaration of Human Rights deal with?

- (A) ☐ Freedom from Arbitrary Arrest and Exile
(B) ☐ Right to Remedy by Competent Tribunal (Chosen option)
(C) ☐ Right to Equality before the United Nations
(D) ☐ **Right to Recognition as a Person before the Law (Correct Answer)**

Question No.16

Marks: 1.00

Bookmark ☐

Who among the following was the first Female actor to receive the Padma Shri Award given by the Government of India?

- (A) ☐ Meena Kumari
(B) ☐ Smita Patil (Chosen option)
(C) ☐ Madhubhala
(D) ☐ **Nargis Dutt (Correct Answer)**

Question No.17

Marks: 1.00

Bookmark ☐

Who among the following invented the Bakelite, the first fully synthetic plastic?

- (A) ☐ Albert Einstein
(B) ☐ Charles Goodyear (Chosen option)
(C) ☐ **Leo H Baekeland (Correct Answer)**
(D) ☐ Roy Plunkett

Question No.18

Marks: 1.00

Bookmark ☐

Who was the first Indian woman President of the United Nations General Assembly?

- (A) ☐ **Vijaya Lakshmi Pandit (Correct Answer)** (Chosen option)
(B) ☐ Indira Gandhi
(C) ☐ Mother Teresa
(D) ☐ Margaret Thatcher

Question No.19

Marks: 1.00

Bookmark ☐

When did the rule of the Office of Governor General of India came to an end?

- (A) ☐ 15th Aug 1947
(B) ☐ 15th Aug 1950
(C) ☐ 26th Jan 1948
(D) ☐ **26th Jan 1950 (Correct Answer)** (Chosen option)

Question No.20

Marks: 1.00

Bookmark ☐

What was the period of the first phase of National Lockdown was declared by the Government of India in 2020?

- (A) ☐ **25th March to 14th April 2020 (Correct Answer)** (Chosen option)
(B) ☐ 15th March to 20th April 2020
(C) ☐ 15th April to 20th May 2020
(D) ☐ 25th April to 20th May 2020

GENERAL KNOWLEDGE - GENERAL KNOWLEDGE

Question No.1

Marks: 1.00

Bookmark ☐

Which of the following is a traditional dance performed at weddings in Kashmir?

- (A) ☐ Bacha Nagma
(B) ☐ Bhand Jashan
(C) ☐ **Hafiza Dance (Correct Answer)** (Chosen option)
(D) ☐ Rouf Dance

Question No.2

Marks: 1.00

Bookmark ☐

_____ part of the Union Territory of Jammu & Kashmir has a typical monsoon tropical climate.

- (A) ☐ Western
(B) ☐ Northern
(C) ☐ **Southern (Correct Answer)** (Chosen option)
(D) ☐ Eastern

Question No.3

Marks: 1.00

Bookmark ☐

Former Prime Minister of India Lal Bahadur Shastri is popularly called as _____.

- (A) ☐ Patriot of Patriots (Chosen option)
(B) ☐ Frontier Gandhi
(C) ☐ **Man of Peace (Correct Answer)**
(D) ☐ Morning Star of India Renaissance

Question No.4

Marks: 1.00

Bookmark ☐

Which of the following is the largest National Park in Jammu and Kashmir?

- (A) ☐ **Hemis National Park (Correct Answer)** (Chosen option)

- (B) ☐ Kishtwar High Altitude National Park
(C) ☐ Salim Ali National Park
(D) ☐ Kazinag National Park

Question No.5

Marks: 1.00

Bookmark ☐

Manasbal Lake is located in which district of Jammu and Kashmir?

- (A) ☐ Baramulla
(B) ☐ Kupwara
(C) ☐ **Ganderbal (Correct Answer)** (Chosen option)
(D) ☐ Budgam

Question No.6

Marks: 1.00

Bookmark ☐

Which of the following Kings entered the Valley via Pakhil spent a few days at Baramulla and according to "Tarikh-e-Hassan", the city had been decorated like a bride?

- (A) ☐ Jahangir
(B) ☐ Ratan Singh (Chosen option)
(C) ☐ Ali Adil Shah I
(D) ☐ **Akbar (Correct Answer)**

Question No.7

Marks: 1.00

Bookmark ☐

Which of the following lakes are the two most significant lakes of Pulwama Districts?

- (A) ☐ Sheshnag and Gangbal Lakes
(B) ☐ **Tarsar and Marsar Lakes (Correct Answer)**
(C) ☐ Nigeen and Sheshnag Lakes (Chosen option)
(D) ☐ Gangbal and Nigeen Lakes

Question No.8

Marks: 1.00

Bookmark ☐

Srinagar was ruled by _____ empire till around the 14th Century.

- (A) ☐ Gupta (Chosen option)
(B) ☐ Utpala
(C) ☐ **Mauryan (Correct Answer)**
(D) ☐ Karkota

Question No.9

Marks: 1.00

Bookmark ☐

Which of the following festivals is celebrated at Uttar Behni of the Jammu Region?

- (A) ☐ Baisakhi
(B) ☐ **Chaitre Chaudash (Correct Answer)**
(C) ☐ Jihiri Mela (Chosen option)
(D) ☐ Bahu Mela

Question No.10

Marks: 1.00

Bookmark ☐

Which of the following Highway runs from Kashmir to Kanyakumari?

- (A) ☐ NH 52
(B) ☒ **NH 44 (Correct Answer)** (Chosen option)
(C) ☐ NH 30
(D) ☐ NH 27

Question No.11

Marks: 1.00

Bookmark ☐

Which of the following acts of Indian Constitution aims at revitalizing and strengthening the urban government?

- (A) ☒ **74th Constitutional Amendment Act (Correct Answer)** (Chosen option)
(B) ☐ 59th Constitutional Amendment Act
(C) ☐ 66th Constitutional Amendment Act
(D) ☐ 60th Constitutional Amendment Act

Question No.12

Marks: 1.00

Bookmark ☐

Which of the following acts provides for a Gram Sabha as the foundation of the panchayati raj system?

- (A) ☐ 68th Amendment Act of 1991
(B) ☒ **73rd Amendment Act of 1992 (Correct Answer)** (Chosen option)
(C) ☐ 78th Amendment Act of 1995
(D) ☐ 76th Amendment Act of 1994

Question No.13

Marks: 1.00

Bookmark ☐

Which is the most important Muslim Shrine of Kashmir?

- (A) ☐ Khwaja Nasiruddin Chirag
(B) ☒ **Hazratbal Shrine (Correct Answer)** (Chosen option)
(C) ☐ Dargah of Qutubuddin
(D) ☐ Ghaziuddin Khan Madrasa

Question No.14

Marks: 1.00

Bookmark ☐

In which year, the Overa - Aru Wildlife Sanctuary in Jammu and Kashmir was established?

- (A) ☒ **1981 (Correct Answer)**
(B) ☐ 1972 (Chosen option)
(C) ☐ 1992
(D) ☐ 1965

Question No.15

Marks: 1.00

Bookmark ☐

_____ is a near threatened species found in Jammu & Kashmir.

- (A) ☐ Black Bear

- (B) ☒ **Common Leopard (Correct Answer)**
(C) ☐ Spotted Deer (Chosen option)
(D) ☐ Snow Leopard

Question No.16

Marks: 1.00

Bookmark ☐

Which of the following districts will come under Union Territory of Ladakh after the "Jammu and Kashmir Reorganization Act, 2019"?

- (A) ☐ Kulgam and Shopian
(B) ☒ **Kargil and Leh Districts (Correct Answer)** (Chosen option)
(C) ☐ Ramban and Kulgam
(D) ☐ Kulgam and Kargil

Question No.17

Marks: 1.00

Bookmark ☐

In which year the Samba District was annexed to J&K by Maharaja Gulab Singh making it an integral part of the state?

- (A) ☒ **1846 A.D. (Correct Answer)** (Chosen option)
(B) ☐ 1910 A.D.
(C) ☐ 1900 A.D.
(D) ☐ 1886 A.D.

Question No.18

Marks: 1.00

Bookmark ☐

The Zojila Tunnel construction project is located on the Srinagar- Leh section of the _____.

- (A) ☐ NH 501
(B) ☐ NH 44
(C) ☒ **NH 1 (Correct Answer)** (Chosen option)
(D) ☐ NH 144

Question No.19

Marks: 1.00

Bookmark ☐

The meanders of the river Jhelum enter which of the following lakes?

- (A) ☒ **Wular lake (Correct Answer)**
(B) ☐ Pangong lake
(C) ☐ Mamsar lake
(D) ☐ Dal lake (Chosen option)

Question No.20

Marks: 1.00

Bookmark ☐

Which of the following are the chief spring crops in the Jammu & Kashmir region?

- (A) ☒ **Wheat and Barley (Correct Answer)** (Chosen option)
(B) ☐ Cotton and Tobacco
(C) ☐ Beans and Lentils
(D) ☐ Peas and Beans

GENERAL SCIENCE - GENERAL SCIENCE

Question No.1

Marks: 1.00

Bookmark ☐

What is the atomicity of Helium?

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

Question No.2

Marks: 1.00

Bookmark ☐

Which type of energy source is solar energy?

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

Question No.3

Marks: 1.00

Bookmark ☐

Which of the following particles has no electrical charge?

- (A) ☐ Proton
- (B) ☐ Neutron (Correct Answer)
- (C) ☐ Positron (Chosen option)
- (D) ☐ Electron

Question No.4

Marks: 1.00

Bookmark ☐

Which of the following processes denotes water soluble inorganic nutrients go down into the soil horizon and gets precipitated as unavailable salts?

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

Question No.5

Marks: 1.00

Bookmark ☐

Which of the following gas laws shows the relationship of volume and number of gas particles?

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

Question No.6

Marks: 1.00

Bookmark ☐

What is the SI unit of the wavelength?

- (A) ☐ Hertz (Chosen option)
(B) ☐ Second
(C) ☐ **Metre (Correct Answer)**
(D) ☐ Watt

Question No.7

Marks: 1.00

Bookmark ☐

What is the chemical symbol of Sodium?

- (A) ☐ Ag
(B) ☐ Au
(C) ☐ Pb
(D) ☐ **Na (Correct Answer)** (Chosen option)

Question No.8

Marks: 1.00

Bookmark ☐

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

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

Question No.9

Marks: 1.00

Bookmark ☐

Which of the following vitamin deficiencies causes Xerophthalmia?

- (A) ☐ **Vitamin A (Correct Answer)**
(B) ☐ Vitamin E
(C) ☐ Vitamin K
(D) ☐ Vitamin B12 (Chosen option)

Question No.10

Marks: 1.00

Bookmark ☐

Which of the following is an example of mineral fuel?

- (A) ☐ Manganese
(B) ☐ Bauxite
(C) ☐ **Coal (Correct Answer)** (Chosen option)
(D) ☐ Mica

Question No.11

Marks: 1.00

Bookmark ☐

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

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

Question No.12

Marks: 1.00

Bookmark ☐

Autotrophic nutrition is found only in _____.

- (A) ☐ Birds
- (B) ☐ Mammals
- (C) ☐ **Green Plants (Correct Answer)** (Chosen option)
- (D) ☐ Fishes

Question No.13

Marks: 1.00

Bookmark ☐

Which of the following laws states that for every action, there is an equal and opposite reaction?

- (A) ☐ **Newton's Third Law (Correct Answer)**
- (B) ☐ Kirchoff's Second Law (Chosen option)
- (C) ☐ Newton's Second Law
- (D) ☐ Newton's First Law

Question No.14

Marks: 1.00

Bookmark ☐

Which of the following is an example of amorphous solid?

- (A) ☐ **Rubber (Correct Answer)**
- (B) ☐ Diamond
- (C) ☐ Mica
- (D) ☐ Quartz

Question No.15

Marks: 1.00

Bookmark ☐

Which of the following vitamins is also known as Thiamine?

- (A) ☐ Vitamin D
- (B) ☐ Vitamin B6
- (C) ☐ **Vitamin B1 (Correct Answer)** (Chosen option)
- (D) ☐ Vitamin C

Question No.16

Marks: 1.00

Bookmark ☐

The process of breaking molecules in the absence of oxygen is called _____.

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

Question No.17

Marks: 1.00

Bookmark ☐

Which is the most abundant gas in earth's atmosphere?

- (A) ☐ Hydrogen
- (B) ☐ Carbon Dioxide (Chosen option)
- (C) ☐ **Nitrogen (Correct Answer)**

(D) ☐ Oxygen

Question No.18

Marks: 1.00

Bookmark ☐

Which of the following is an example of vector quantity?

- (A) ☐ Mass
(B) ☐ **Momentum (Correct Answer)** (Chosen option)
(C) ☐ Speed
(D) ☐ Volume

Question No.19

Marks: 1.00

Bookmark ☐

What is the SI unit of the electric current?

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

Question No.20

Marks: 1.00

Bookmark ☐

The electrical instrument rheostat is used to control electric current by varying the _____

- (A) ☐ Inductance
(B) ☐ Capacitance
(C) ☐ Frequency
(D) ☐ **Resistance (Correct Answer)** (Chosen option)

MENTAL ABILITY TEST - MENTAL ABILITY TEST

Question No.1

Marks: 1.00

Bookmark ☐

If a bus travels from city A to city B with a speed of 855 kmph and another bus travels from city B to city A with a speed of 765 kmph, find the relative speed when both the buses cross each other.(in m/s)

- (A) ☐ 430
(B) ☐ 420
(C) ☐ **450 (Correct Answer)**
(D) ☐ 440

Question No.2

Marks: 1.00

Bookmark ☐

If a man covers first half of the journey at 386 kmph and the second half of the journey at 579 kmph, find the average speed of the total journey.(in kmph)

- (A) ☐ 464.2 (Chosen option)
(B) ☐ 462.2
(C) ☐ **463.2 (Correct Answer)**
(D) ☐ 465.2

Question No.3

Marks: 1.00

Bookmark ☐

A train passes a telegraph post in 55 seconds moving with a speed of 486 km per hour.
Find the length of the train.(in metres)

- (A) ☐ 7525
(B) ☐ 7725 (Chosen option)
(C) ☐ 7625
(D) ☐ 7425 (Correct Answer)

Question No.4

Marks: 1.00

Bookmark ☐

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

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

Case Study - 5 to 7

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.5

Marks: 1.00

Bookmark ☐

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

Conclusions:

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

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

Question No.6

Marks: 1.00

Bookmark ☐

Statements: Some cats are rats. All rats are dogs.

Conclusions:

- i) Some cats are dogs.
ii) No cat is dog.

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

- (C) ☐ E
(D) ☐ C

Question No.7

Marks: 1.00

Bookmark ☐

Statements: All Bats are balls. Some balls are Balloons.

Conclusions:

i) Some Bats are Balloons.

ii) Some balls are Bats.

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

Question No.8

Marks: 1.00

Bookmark ☐

Find the next number in the series.

197, 216, 244, 281, 327, ?

- (A) ☐ 386
(B) ☐ 380
(C) ☒ 382 (Correct Answer) (Chosen option)
(D) ☐ 385

Question No.9

Marks: 1.00

Bookmark ☐

Find the next number in the series.

13500, 2250, 450, 75, 15, 2.5, ?

- (A) ☒ 0.5 (Correct Answer) (Chosen option)
(B) ☐ 1
(C) ☐ 2
(D) ☐ 1.5

Question No.10

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 S related to P?

- (A) ☒ Daughter (Correct Answer) (Chosen option)
(B) ☐ Mother
(C) ☐ Son
(D) ☐ Father

Case Study - 11 to 12

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.11

Marks: 1.00

Bookmark ☐

Statement: Mary's teacher gifts a pilot pen whenever she scores centum in Mathematics. Mary scored a centum.

Conclusion:

- i) Mary received a gift from her teacher.
- ii) Mathematics is the toughest subject.

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

Question No.12

Marks: 1.00

Bookmark ☐

Statement: Girls native to Seoul will definitely get married at the age of 23. Beni is a 24 years old girl.

Conclusion:

- i) Beni, if native to Seoul, must have married.
- ii) Beni, if not native to Seoul, must not have married.

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

Question No.13

Marks: 1.00

Bookmark ☐

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

- (A) ☐ $T > H > O \geq U = S \geq A$
- (B) ☐ $T > H < O \geq U = S \geq A$
- (C) ☐ $T > H > O \geq U = S < A$
- (D) ☐ $T \geq H = O \geq U = S > A$ (Correct Answer)

Question No.14

Marks: 1.00

Bookmark ☐

If a boy who stands facing West turns 123 degrees clockwise, 75 degrees anti-clockwise and 90 degrees clockwise, then which direction will he face?

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

- (C) ☐ South-West
(D) ☐ North-West

Question No.15

Marks: 1.00

Bookmark ☐

In which of the following is the expression ' $T > U$ ' probably false?

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

Question No.16

Marks: 1.00

Bookmark ☐

Find the next number in the series.

5, 8, 40, 64, 320, 512, ?

- (A) ☐ 2545
(B) ☒ 2560 (Correct Answer) (Chosen option)
(C) ☐ 2567
(D) ☐ 2575

Case Study - 17 to 18

2.00

Directions: In a certain code language:

'cool the cake' is written as 'lu km ti',

'dish is cool' is written as 'ba cn lu',

'eat the dish' is written as 'cn jg km'.

Question No.17

Marks: 1.00

Bookmark ☐

What does the code 'ba' stand for?

- (A) ☐ dish (Chosen option)
(B) ☐ the
(C) ☒ is (Correct Answer)
(D) ☐ cool

Question No.18

Marks: 1.00

Bookmark ☐

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

- (A) ☐ ti
(B) ☒ lu (Correct Answer) (Chosen option)
(C) ☐ km
(D) ☐ ba

Question No.19

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) $N > L$

ii) $E \leq A$

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 (Correct Answer)**

(B) ☐ D

(C) ☐ C

(D) ☐ B

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 R related to T?

(A) ☐ Father

(B) ☐ Cousin

(C) ☐ Brother

(D) ☐ **Sister (Correct Answer)** (Chosen option)

COMPUTER APPLICATIONS - COMPUTER APPLICATIONS

Question No.1

Marks: 1.00

Bookmark ☐

_____ can be reprogrammed. To erase data from it, expose it to ultra violet light. To reprogram it, erase all the previous data.

(A) ☐ PROM

(B) ☐ **EPROM (Correct Answer)** (Chosen option)

(C) ☐ SDRAM

(D) ☐ ROM

Question No.2

Marks: 1.00

Bookmark ☐

_____ refers to the process of rearranging the files on disk so that all data is adjoined.

(A) ☐ Disksorting

(B) ☐ Deserialization

(C) ☐ Diskfiltering (Chosen option)

(D) ☐ **Defragmentation (Correct Answer)**

Question No.3

Marks: 1.00

Bookmark ☐

_____ is an information storage and retrieval system that works on the same technologies as the Internet does, but is private inside a certain company.

- (A) ☐ Cloud (Chosen option)
(B) ☐ **Intranet (Correct Answer)**
(C) ☐ Sharepoint
(D) ☐ Data center

Question No.4

Marks: 1.00

Bookmark ☐

Any information or data sent to a computer using mouse or keyboard, for further processing is considered as _____.

- (A) ☐ **Input (Correct Answer)** (Chosen option)
(B) ☐ Present
(C) ☐ Store
(D) ☐ Output

Question No.5

Marks: 1.00

Bookmark ☐

_____ is a form of broadband communication, which may use phone lines and fibre-optic cables for accessing internet.

- (A) ☐ HOTSPOT
(B) ☐ **DSL (Correct Answer)** (Chosen option)
(C) ☐ SMTP
(D) ☐ POP3

Question No.6

Marks: 1.00

Bookmark ☐

The Watch Window menu is present in the _____ tab.

- (A) ☐ Data
(B) ☐ Review
(C) ☐ View
(D) ☐ **Formulas (Correct Answer)** (Chosen option)

Question No.7

Marks: 1.00

Bookmark ☐

_____ is a blue arrow that shows the relationships between cells used in formulas in Excel.

- (A) ☐ **Cell tracer (Correct Answer)**
(B) ☐ Relationship tracker
(C) ☐ Number tracer (Chosen option)
(D) ☐ Formula tracker

Question No.8

Marks: 1.00

Bookmark ☐

_____ tool allows you to create standard calculations, formatting, and charts very

quickly.

- (A) ☐ Formula audit tool (Chosen option)
- (B) ☒ Quick analysis tool (Correct Answer)
- (C) ☐ Formula trace tool
- (D) ☐ Quick chart tool

Question No.9

Marks: 1.00

Bookmark ☐

What will Ctrl+A do?

- (A) ☐ Delete all items
- (B) ☐ Deselect all items
- (C) ☒ Select all items (Correct Answer) (Chosen option)
- (D) ☐ Move all items

Question No.10

Marks: 1.00

Bookmark ☐

_____ function in Excel, allows you to replace existing text with the new text in a given text string.

- (A) ☒ Substitute (Correct Answer)
- (B) ☐ Concat (Chosen option)
- (C) ☐ Substr
- (D) ☐ Exact

Question No.11

Marks: 1.00

Bookmark ☐

To Shutdown Windows, you need to select _____ option from the Start menu and then select Shut down.

- (A) ☐ Control Panel
- (B) ☐ Account
- (C) ☒ Power (Correct Answer) (Chosen option)
- (D) ☐ Settings

Question No.12

Marks: 1.00

Bookmark ☐

_____ option in Microsoft word, allows you to select the formatting information of a text and apply the same to another text.

- (A) ☐ Paste special
- (B) ☐ Copy Format
- (C) ☐ Copy
- (D) ☒ Format painter (Correct Answer) (Chosen option)

Question No.13

Marks: 1.00

Bookmark ☐

_____ is a multiple of the unit byte for digital information which is one billion bytes.

- (A) ☐ Kilobyte
- (B) ☒ Gigabyte (Correct Answer) (Chosen option)
- (C) ☐

- (C) Petabyte
(D) ☐ Terabyte

Question No.14

Marks: 1.00

Bookmark ☐

_____ are special codes that instruct Word to insert information into a document.

- (A) ☐ Object
(B) ☐ Blocks
(C) ☐ Signature (Chosen option)
(D) ☐ **Fields (Correct Answer)**

Question No.15

Marks: 1.00

Bookmark ☐

Which memory is an intermediate between RAM and processor?

- (A) ☐ EPROM
(B) ☐ **Cache memory (Correct Answer)** (Chosen option)
(C) ☐ ROM
(D) ☐ PROM

Question No.16

Marks: 1.00

Bookmark ☐

Which short cut key is used to open the GO TO dialog box?

- (A) ☐ F2
(B) ☐ F8
(C) ☐ **F5 (Correct Answer)** (Chosen option)
(D) ☐ F1

Question No.17

Marks: 1.00

Bookmark ☐

Which of the following is an example for application software?

- (A) ☐ Windows Vista
(B) ☐ Windows XP
(C) ☐ **Ms Office (Correct Answer)** (Chosen option)
(D) ☐ Unix

Question No.18

Marks: 1.00

Bookmark ☐

Between receiving input and providing output, your computer will perform logical operation called _____.

- (A) ☐ Memory Management
(B) ☐ Programming (Chosen option)
(C) ☐ **Processing (Correct Answer)**
(D) ☐ Storing

Question No.19

Marks: 1.00

Bookmark ☐

Which type of operating system is UNIX?

- (A) ☐ Single-tasking
- (B) ☐ Single-user
- (C) ☐ Mobile OS
- (D) ☐ **Multitasking (Correct Answer)** (Chosen option)

Question No.20

Marks: 1.00

Bookmark ☐

_____ is an hand held device that acts like a mini computer which is used by Business professionals to access email and internet.

- (A) ☐ Barcode reader
- (B) ☐ Mainframe
- (C) ☐ PAGER
- (D) ☐ **PDA (Correct Answer)** (Chosen option)

