

**GSECL
JE**

**Previous Year Paper
Environment 2018**

GENERAL KNOWLEDGE - GENERAL KNOWLEDGE

Question No.1

1.00

Bookmark

At what time of the day on 30th January 1948 was Mahatma Gandhi shot dead?

- 5.00 p.m. - (Alternative 1)
- 5.17 p.m. - (Alternative 2)**
- 3.12 pm - (Alternative 3)
- None of these - (Alternative 4)

Question No.2

1.00

Bookmark

Sardar Vallabhai Patel (Iron Man) belonged to which state?

- Uttar Pradesh - (Alternative 3)
- Bengal - (Alternative 4)
- Maharashtra - (Alternative 1)
- Gujarat - (Alternative 2)**

Question No.3

1.00

Bookmark

According to a report by New World Wealth, India has been ranked _____ in the list of wealthiest countries.

- 7th position - (Alternative 4)**
- 4th position - (Alternative 3)
- 5th position - (Alternative 2)
- 6th position - (Alternative 1)

Question No.4

1.00

Bookmark

As per the 23rd Goods and Services Tax (GST) Council meeting held on 10th November 2017, tax rates for condensed milk were reduced to _____.

- 18% - (Alternative 4)
- 0% - (Alternative 1)
- 5% - (Alternative 2)
- 12% - (Alternative 3)**

Question No.5

1.00

Bookmark

Partha was the name of which of the following characters in Mahabharata?

- Bhima - (Alternative 3)
- Arjuna - (Alternative 4)**
- Yudhisthara - (Alternative 1)
- Krishna - (Alternative 2)

Question No.6

1.00

Bookmark

Consolidated Foreign direct investment (FDI) in private sector banking is limited to a maximum of _____.

- 64% - (Alternative 3)
- 74% - (Alternative 1)**
- 80% - (Alternative 4)
- 56% - (Alternative 2)

Question No.7

1.00

Bookmark

ELISA is helpful for the detection of which of the following options?

- HIV - (Alternative 3)**
- Cancer - (Alternative 2)
- Malaria - (Alternative 4)
- Leprosy - (Alternative 1)

Question No.8

1.00

Bookmark

Which is the hottest place in the world?

- Aziziyah - (Alternative 2)
- Death valley - (Alternative 1)**
- Dallol - (Alternative 3)
- Dasht-e loot - (Alternative 4)

Question No.9

1.00

Bookmark

Who started the Home Rule Movement in India?

- Annie Besant - (Alternative 1)**
- Edwin Samuel Montagu - (Alternative 2)
- Yamini Chauhan - (Alternative 4)
- Kenneth Pletcher - (Alternative 3)

Question No.10

1.00

Bookmark

"Man and the Biosphere" - an ecological programme was launched by _____.

- UNEP - (Alternative 2)
- UNSEF - (Alternative 4)
- UNESCO - (Alternative 1)**
- WHO - (Alternative 3)

ENGLISH KNOWLEDGE - ENGLISH KNOWLEDGE**Question No.1**

1.00

Bookmark

Choose the word similar in meaning to:- GRATUITOUS

- Thankful - (Alternative 3)
- Voluntary - (Alternative 4)**
- Unjustified - (Alternative 2)
- Justified - (Alternative 1)

Question No.2

1.00

Bookmark

Choose the word opposite in meaning to:- APPAL

- Dismay - (Alternative 3)
- Comfort - (Alternative 1)**
- Amaze - (Alternative 2)
- Outrage - (Alternative 4)

Question No.3

1.00

Bookmark

Identify the part of the sentence which contains an error:-

If you had (1)/ studied well (2)/ you would have (3)/ get more marks (4)/ No error (5)

- 5 - (Alternative 2)
- 4 - (Alternative 4)**
- 3 - (Alternative 1)
- 2 - (Alternative 3)

Question No.4

1.00

Bookmark

Fill in the blank with the suitable article:- Here is _____ watch that you were looking for.

- No article - (Alternative 4)
- The - (Alternative 3)**
- A - (Alternative 1)
- An - (Alternative 2)

Question No.5

1.00

Bookmark

Choose the correct option similar to the idiom given below:- AN ARM CHAIR EXPERT

- Sports expert - (Alternative 2)
- Subject expert - (Alternative 3)**
- Highly experienced - (Alternative 4)
- Furniture expert - (Alternative 1)

Question No.6

1.00

Bookmark

Fill in the blank with the suitable preposition:- There is a cow _____ the field.

- in - (Alternative 1)**
- on - (Alternative 2)
- at - (Alternative 4)
- above - (Alternative 3)

Question No.7

1.00

Bookmark

Choose the appropriate alternative for the italicized words: 10 minutes into the game, I became vibrant because of the competent players that had *peaked my interest*.

- Peeked my interest - (Alternative 3)
- No improvement required - (Alternative 4)
- Packed my interest - (Alternative 1)
- Piqued my interest - (Alternative 2)**

Question No.8

1.00

Bookmark

Choose the correct word in substitution for the sentence given below:- A quick reply to a question or remark

- Perceive - (Alternative 2)
- Respond - (Alternative 3)
- Rapid - (Alternative 1)
- Retort - (Alternative 4)**

Question No.9

1.00

Bookmark

Choose the correct sequence from the given options by rearranging the sentences to form a meaningful passage:-

1. She was very sympathetic to all people who were ill and unhappy and dedicated time to helping them and drawing public attention to their problems.
2. They were also interested in the problems between her and her husband. When they divorced she remained very popular.
3. In addition to her image as a 'star', Princess Diana used her influence to attract attention to quite a few charities.
4. She used to visit homeless people regularly and did a lot of work for the National AIDS Trust.
5. Diana, Princess of Wales, became famous when she decided to marry Prince Charles.
6. She became the most photographed person in the world. Everywhere she went, there were photographers taking pictures of her and people were very interested in her clothes, where she went on holiday and who she was with.

- 562314 - (Alternative 1)**
- 526341 - (Alternative 2)
- 562341 - (Alternative 3)
- 531462 - (Alternative 4)

Question No.10

1.00

Bookmark

Choose the word with the right spelling:

- Opourtunity - (Alternative 1)
- Opportunity - (Alternative 2)**
- Opurtunity - (Alternative 3)
- Oppurtunity - (Alternative 4)

ENVIRONMENT ENGINEERING - ENVIRONMENT ENGINEERING**Question No.1**

1.00

Bookmark

Lower F/M value in a conventional activated treatment plant will result in:

- Lower BOD removal - (Alternative 1)
- Higher BOD removal - (Alternative 2)**
- Higher COD removal - (Alternative 4)
- No effect on BOD removal - (Alternative 3)

Question No.2

1.00

Bookmark

The 50% removal efficiency of BOD is attained at 20° C, then calculate the BOD removal efficiency at 35° C

- 0.84 - (Alternative 1)
- 0.78 - (Alternative 3)
- 0.6 - (Alternative 2)
- 0.8 - (Alternative 4)

Question No.3

1.00

Bookmark

Gravitational settling chambers are only used to collect the particle above

- 50 micron - (Alternative 1)
- 35 micron - (Alternative 4)
- 40 micron - (Alternative 2)
- 45 micron - (Alternative 3)

Question No.4

1.00

Bookmark

The colour coding for the segregation of Human & Anatomical waste / Microbiology waste / cotton / dressing / bedding etc. is _____.

- White - (Alternative 4)
- Black - (Alternative 3)
- Red - (Alternative 1)
- Yellow - (Alternative 2)

Question No.5

1.00

Bookmark

The process which is carried out to identify the changes in the environment with a project is known as _____.

- Quantitative physical and mathematical models - (Alternative 2)
- Expert judgment - (Alternative 1)
- Social impact assessment process - (Alternative 3)
- Environmental impact assessment process - (Alternative 4)

Question No.6

1.00

Bookmark

According to WHO, accepted level for arsenic in drinking water for developing countries like India is _____

- 50 ppm - (Alternative 4)
- 1 ppm - (Alternative 3)
- 50 ppb - (Alternative 2)
- 100 ppb - (Alternative 1)

Question No.7

1.00

Bookmark

The term cradle to grave is applicable in _____.

- **Life cycle assessment - (Alternative 1)**
- Least count assessment - (Alternative 2)
- Disposal of waste materials - (Alternative 3)
- Impact analysis - (Alternative 4)

Question No.8

1.00

Bookmark

Good housekeeping practices generally reflect _____.

- Accident prevention, well organized management, unnoticed spillages - (Alternative 4)
- Regular practice of floor cleaning, uncleared walkways and company cares about its own profit - (Alternative 3)
- **Good management practices, pride in the workplace and company cares about safety - (Alternative 1)**
- Inadequate cleaning, equipment lying around and company cares about safety - (Alternative 2)

Question No.9

1.00

Bookmark

Phytoplanktons are the members of _____.

- **Aquatic ecosystem - (Alternative 1)**
- Forest ecosystem - (Alternative 2)
- Desert ecosystem - (Alternative 3)
- Grassland ecosystem - (Alternative 4)

Question No.10

1.00

Bookmark

What is the name of the action plan for sustainable development in the 21st century framed in the Rio declaration on environmental development?

- Declaration 21 - (Alternative 4)
- Rio 21 - (Alternative 3)
- Action 21 - (Alternative 1)
- **Agenda 21 - (Alternative 2)**

Question No.11

1.00

Bookmark

Calculate the molecularity for the reaction: $2A + 3B = 3C + 2D$

- 10 - (Alternative 2)
- 6 - (Alternative 4)
- **5 - (Alternative 3)**
- 8 - (Alternative 1)

Question No.12

1.00

Bookmark

The technique used to manage hazardous waste is _____.

- **Secured land filling - (Alternative 3)**
- Open dumping - (Alternative 2)
- Incineration - (Alternative 1)
- Dumping into water bodies - (Alternative 4)

Question No.13

1.00

Bookmark

In Lime-soda process of water softening:

- **lime reduces carbonate hardness, and soda removes non-carbonate hardness - (Alternative 4)**
- only non-carbonate harness is removed - (Alternative 2)
- lime reduces non-carbonate hardness, and soda removes carbonate hardness - (Alternative 3)
- only carbonate hardness is removed - (Alternative 1)

Question No.14

1.00

Bookmark

In Nitrogen cycle, the soil nitrates are converted into free nitrogen by the _____.

- Nitrifying and Denitrifying bacteria - (Alternative 3)
- Nitrifying bacteria - (Alternative 1)
- **Denitrifying bacteria - (Alternative 2)**
- Ammonifying bacteria - (Alternative 4)

Question No.15

1.00

Bookmark

All the following statements about hazardous waste containers are true, except _____.

- The Container must be closed except when removing or adding waste - (Alternative 1)
- Contents must be compatible with the type of waste containers - (Alternative 3)
- **Any type of container including food containers can be used to contain hazardous waste - (Alternative 4)**
- Containers must be cleaned on the outside - (Alternative 2)

Question No.16

1.00

Bookmark

The following is indirect cost of an accident:

- **Cost of lost time of injured worker - (Alternative 3)**
- Compensation paid to the worker - (Alternative 2)
- Money paid for treatment of the worker - (Alternative 1)
- Elimination of waste - (Alternative 4)

Bookmark

The Objective of 3R principle is to achieve:

- Maximization of resource use and promotion of waste generation - (Alternative 3)
- Minimization of resource use and promotion of waste generation - (Alternative 4)
- Maximization of resource use and reduction of waste generation - (Alternative 2)
- **Minimization of resource use and reduction of waste generation - (Alternative 1)**

Question No.18

1.00

Bookmark

Red tide is a common name for a phenomenon known as_____.

- Fish bloom - (Alternative 2)
- Nuclear bloom - (Alternative 4)
- Bacterial Bloom - (Alternative 1)
- **Algal bloom - (Alternative 3)**

Question No.19

1.00

Bookmark

What is the standard for Environmental management system?

- **ISO 14001 - (Alternative 3)**
- ISO 10401 - (Alternative 1)
- ISO 41002 - (Alternative 2)
- ISO 41001 - (Alternative 4)

Question No.20

1.00

Bookmark

The term Incremental risk refers to _____.

- **The risk due to addition of an external pollutant in the medium or occurrence of any event - (Alternative 1)**
- Allowable risk a particular contaminant can result in on any receptor - (Alternative 4)
- The risk a person or any receptor is exposed from a given medium - (Alternative 3)
- The risk what people are exposed to from the given medium - (Alternative 2)

Question No.21

1.00

Bookmark

The Kyoto protocol agreement signed in the year 1997 for the reduction of _____.

- **Greenhouse gases emission - (Alternative 2)**
- DDT - (Alternative 4)
- Emission of nitrogen oxides - (Alternative 3)
- Chlorofluorocarbon emission - (Alternative 1)

Question No.22

1.00

Bookmark

A concentration of NO₂ of _____ ppm would probably reduce visibility to 1 km.

- 10 - (Alternative 3)
- 15 - (Alternative 2)
- 5 - (Alternative 1)
- **20 - (Alternative 4)**

Question No.23

1.00

Bookmark

A reaction is 50% complete in 20 minutes. How much time will be taken to complete 75% reaction ?

- 30 minutes - (Alternative 1)**
- 45 minutes - (Alternative 4)
- 50 minutes - (Alternative 3)
- 40 minutes - (Alternative 2)

Question No.24

1.00

Bookmark

When fluoride concentration in water exceeds 1.5mg/L or so, the disease that may be caused is _____.

- Dental carriers - (Alternative 3)
- Methemoglobinemia - (Alternative 1)
- Fluorosis - (Alternative 2)**
- Poliomyelitis - (Alternative 4)

Question No.25

1.00

Bookmark

The carry over factor for a prismatic beam element whose far end is hinged is _____.

- 0.5 - (Alternative 1)**
- 1 - (Alternative 2)
- 0.25 - (Alternative 4)
- 0.3333333333 - (Alternative 3)

Question No.26

1.00

Bookmark

The Ganga action plan was launched by the Prime Minister of India on _____.

- 1980 - (Alternative 3)
- 1986 - (Alternative 2)**
- 1988 - (Alternative 1)
- 1978 - (Alternative 4)

Question No.27

1.00

Bookmark

The phenomenon of decreasing the amount of materials or energy used during the manufacturing or distribution of products and packages is known as _____.

- Safe recycling - (Alternative 2)
- Waste segregation - (Alternative 1)
- Chemical sterilization - (Alternative 3)
- Source reduction - (Alternative 4)**

Question No.28

1.00

Bookmark

Choose the essential elements of biodiversity:

- Genetic diversity, Species diversity, Ecosystem diversity - (Alternative 1)**
- Species diversity, Ecosystem diversity - (Alternative 2)
- Genetic diversity, Ecosystem diversity - (Alternative 3)
- None of the above - (Alternative 4)

Question No.29

1.00

Bookmark

An example of strength reduction of industrial wastewater is _____.

- **Placing traps on the discharge pipelines in poultry plants to prevent emission of feathers and pieces of fats - (Alternative 1)**
- Classification of wastewater - (Alternative 4)
- Recycling white water in the paper industry - (Alternative 3)
- Replacement of chrome tanning with vegetable tanning - (Alternative 2)

Question No.30

1.00

Bookmark

The minimum wind speed required for satisfactory working of a wind generator is _____.

- **15 kmph - (Alternative 2)**
- 8 kmph - (Alternative 3)
- 25 kmph - (Alternative 1)
- 20 kmph - (Alternative 4)

Question No.31

1.00

Bookmark

The utilization of resources for the attainment of sustainability is based on _____.

- **Supporting capacity and Assimilative capacity - (Alternative 1)**
- Assimilative capacity - (Alternative 3)
- Assimilative capacity and Tolerance capacity - (Alternative 2)
- Supporting capacity - (Alternative 4)

Question No.32

1.00

Bookmark

World water day is observed on _____.

- 22nd May - (Alternative 1)
- 5th June - (Alternative 2)
- **22nd March - (Alternative 3)**
- 11th May - (Alternative 4)

Question No.33

1.00

Bookmark

The ozone concentration is observed to be $80\mu\text{g}/\text{m}^3$ at an urban monitoring station. How much is the standard value of clear air ?

- **higher - (Alternative 3)**
- lower - (Alternative 1)
- within the limit - (Alternative 2)
- very low - (Alternative 4)

Question No.34

1.00

Bookmark

The phenomenon of surface tension arises due to the following Intermolecular forces:

- cohesion and frictional forces - (Alternative 3)
- cohesion and gravitational forces - (Alternative 2)
- cohesion and adhesion forces - (Alternative 1)**
- adhesion and capillary forces - (Alternative 4)

Question No.35

1.00

Bookmark

The measurement of the amount, to which light is absorbed or scattered by the suspended material in water, is called _____.

- Celerity - (Alternative 3)
- Turbidity - (Alternative 2)**
- Opacity - (Alternative 1)
- Diffraction - (Alternative 4)

Question No.36

1.00

Bookmark

A pipe 12.5 cm in diameter is used to transport oil of relative density 0.75 under a pressure of 1 bar. If the total energy relative to a datum plane 2.5 m below the center of the pipe is 20 Nm/N, Calculate the flow rate of oil:

- 0.1074 m³/s - (Alternative 3)**
- 1.074 m³/s - (Alternative 4)
- 0.01074 m³/s - (Alternative 1)
- 10.74 m³/s - (Alternative 2)

Question No.37

1.00

Bookmark

Selection of processing site of hazardous waste includes _____.

- Quantity of wastes alone - (Alternative 3)
- Quantity and characteristics of the waste involved, technical, economical and environmental aspects - (Alternative 1)**
- Technical, economical and environmental aspects - (Alternative 4)
- Characteristics of wastes alone - (Alternative 2)

Question No.38

1.00

Bookmark

A cylinder contains a fluid at a gauge pressure of 350 kNm⁻². Express this pressure in terms of a head of water.

- 100 m - (Alternative 1)
- 35.68 m - (Alternative 2)**
- 3.568 m - (Alternative 3)
- 0.3568 m - (Alternative 4)

Question No.39

1.00

Bookmark

Which one of the following techniques uses positive-displacement pump?

- Ultra filtration - (Alternative 1)
- Nano filtration - (Alternative 3)
- Micro filtration - (Alternative 4)
- Reverse osmosis - (Alternative 2)**

Question No.40

1.00

Bookmark

A single and double fillet lap joints are designed for _____.

- Bending moment - (Alternative 4)
- Compressive strength - (Alternative 2)
- Shear strength - (Alternative 1)
- Tensile strength - (Alternative 3)**

Question No.41

1.00

Bookmark

Type of container used for the storage of bottles, intravenous tubes, catheters, urine bags, syringes and gloves are _____.

- Chlorinated plastic bags - (Alternative 4)
- Tamper proof container - (Alternative 2)
- Cardboard boxes - (Alternative 3)
- Non - chlorinated plastic bags or containers - (Alternative 1)**

Question No.42

1.00

Bookmark

One of the most hazardous metal to human beings among the following is _____.

- Barium - (Alternative 2)
- Iron - (Alternative 1)
- Chromium - (Alternative 3)**
- Silver - (Alternative 4)

Question No.43

1.00

Bookmark

Mention the one which is not a waterborne disease:

- Cholera - (Alternative 1)
- Typhoid - (Alternative 2)
- Rabies - (Alternative 4)**
- Amoebiasis - (Alternative 3)

Question No.44

1.00

Bookmark

Eutrophication of water bodies is caused by the _____.

- Excessive discharge of inorganic plant nutrients - (Alternative 2)**
- Excessive discharge of suspended solids - (Alternative 3)
- Excessive discharge of chlorides - (Alternative 4)
- Discharge of toxic substances - (Alternative 1)

Question No.45

1.00

Bookmark

The process of injecting a small amount of oil degrading microbes into an affected area of oil spillage is called as _____.

- Biomagnification - (Alternative 4)
- Bioaugmentation - (Alternative 2)**
- Bioaccumulation - (Alternative 3)
- Biostimulation - (Alternative 1)

Question No.46

1.00

Bookmark

The emission of SPM, SO₂ and NO₂ have been identified for regular monitoring under

- ISI - (Alternative 1)
- MoEF - (Alternative 3)
- National Ambient Air Quality Monitoring - (Alternative 4)**
- CPHEEO - (Alternative 2)

Question No.47

1.00

Bookmark

The colloidal particles in wastewater can be removed by the coagulation process. Mention its typical range.

- 0.01 - 10 µm - (Alternative 3)
- 0.001 - 1 µm - (Alternative 1)**
- 0.1 - 100 µm - (Alternative 4)
- 0.1 - 10 µm - (Alternative 2)

Question No.48

1.00

Bookmark

Name the instrument used to identify the functional group present in a particle:

- UV - Vis Spectrophotometer - (Alternative 2)
- Fourier Transform Infrared spectrophotometer - (Alternative 3)**
- Atomic Absorption Spectrophotometer - (Alternative 1)
- Thermal gravimetric analysis - (Alternative 4)

Question No.49

1.00

Bookmark

The amount of residual alkalinity as CaCO₃ required for nitrification to maintain pH level is _____.

- 70 - 80 mg/L - (Alternative 4)**
- 40 -50 mg/L - (Alternative 3)
- 80 - 90 mg/L - (Alternative 1)
- 60 - 70 mg/L - (Alternative 2)

Question No.50

1.00

Bookmark

Choose the tests which are carried out to measure the quality of ground water at the sampling site from the following:

- pH, DO and BOD - (Alternative 4)
- DO, BOD and COD - (Alternative 2)
- pH, temperature and COD - (Alternative 3)
- DO, pH, EC and ORP - (Alternative 1)**

Question No.51

1.00

Bookmark

The number of days required for the completion of Environmental Impact assessment of an industrial project is

- 75 days - (Alternative 4)
- 50 days - (Alternative 2)
- 100 days - (Alternative 3)
- 90 days - (Alternative 1)**

Question No.52

1.00

Bookmark

Ecotoxicology is a study of _____.

- Physical interaction of organism and environment - (Alternative 1)
- The effects of toxic chemicals on biological organisms and environment - (Alternative 2)**
- Biological interaction of organism and environment - (Alternative 3)
- Thermal interaction of organism and environment - (Alternative 4)

Question No.53

1.00

Bookmark

Risk management involves the following stages:

- Hazard identification, Analyze the risk, risk evaluation, risk and control monitoring - (Alternative 2)**
- Risk monitoring and risk controlling - (Alternative 4)
- Hazard identification and risk measurement - (Alternative 1)
- Risk avoidance, risk retention and risk transfer - (Alternative 3)

Question No.54

1.00

Bookmark

Risk assessment involves evaluating data that are qualitative and quantitative. Which of the following types of data is used to develop quantitative assessments?

- Top-down assessments - (Alternative 1)
- Checklists - (Alternative 3)
- Cause and effect analysis - (Alternative 2)
- Loss history information - (Alternative 4)**

Question No.55

1.00

Bookmark

A water sedimentation process involves the settling of the impurities in a tank, under the action of _____.

- sun rays - (Alternative 2)
- gravitational force - (Alternative 1)**
- velocity of particles - (Alternative 4)
- biological action - (Alternative 3)

Question No.56

1.00

Bookmark

If you make 2-sided copies and print on both sides of the paper you are:

- reducing - (Alternative 3)**
- recovery - (Alternative 4)
- recycling - (Alternative 2)
- reusing - (Alternative 1)

Question No.57

1.00

Bookmark

Which one of the following contaminant is not removed during preliminary treatment of a sewage?

- Biodegradable organics - (Alternative 4)**
- Floating debris - (Alternative 2)
- Oil and grease - (Alternative 1)
- Grit and sand - (Alternative 3)

Question No.58

1.00

Bookmark

The technique used to transform toxic organic compounds into biodegradable substance using oxidizing agents / irradiations is _____.

- Filtration - (Alternative 1)
- Advanced oxidation process - (Alternative 3)**
- Membrane techniques - (Alternative 2)
- Chlorination - (Alternative 4)

Question No.59

1.00

Bookmark

A beam of length 12 m is simply supported at 2 supports which are 8 m apart with an overhang of 2 m on each side. The beam carries a concentrated load of 1000 N at each end. Calculate shear force at midpoint of the beam.

- 8000 N - (Alternative 3)
- 2000 N - (Alternative 2)
- Zero - (Alternative 1)**
- 6000 N - (Alternative 4)

Question No.60

1.00

Bookmark

Which one of the following parameters is not included in the routine characterization of solid waste in its physical composition?

- Particle size analysis - (Alternative 4)
- Energy value - (Alternative 2)**
- Moisture content - (Alternative 1)
- Density - (Alternative 3)

COMPUTER KNOWLEDGE - COMPUTER KNOWLEDGE**Question No.1**

1.00

Bookmark

When was Google Chrome launched?

- 2010 - (Alternative 1)
- 2007 - (Alternative 2)
- 2008 - (Alternative 3)**
- None of these - (Alternative 4)

Question No.2

1.00

Bookmark

What is Intel's Skylake?

- Speaker - (Alternative 4)
- Super computer - (Alternative 3)
- Mouse - (Alternative 1)
- Core processor - (Alternative 2)**

Question No.3

1.00

Bookmark

Row of a table is called as a _____.

- Entity - (Alternative 2)
- Set - (Alternative 1)
- Tuple - (Alternative 3)**
- Relationship - (Alternative 4)

Question No.4

1.00

Bookmark

What is the name of the virus that fools a user to get and/or run them by pretending to be useful applications?

- Crypto Locker - (Alternative 4)
- Worm - (Alternative 2)
- ILOVEYOU - (Alternative 1)
- Trojan horses - (Alternative 3)**

Question No.5

1.00

Bookmark

What does TCL stand for in DBMS?

- Transition control language - (Alternative 3)
- Transaction control language - (Alternative 4)**
- Transaction command language - (Alternative 2)
- Transition command language - (Alternative 1)

Question No.6

1.00

Bookmark

_____ is the transmission of data between two or more computers over communication links.

- data communication - (Alternative 3)**
- communication - (Alternative 1)
- data networking - (Alternative 4)
- networking - (Alternative 2)

Question No.7

1.00

Bookmark

The process of dividing a disk into several concentric circles is known as _____.

- Track - (Alternative 1)**
- Sector - (Alternative 2)
- Cluster - (Alternative 4)
- Cylinder - (Alternative 3)

Question No.8

1.00

Bookmark

_____ connects a word or phrase to another screen in a multimedia program.

- Hypermedia - (Alternative 2)
- Hypertext - (Alternative 1)**
- Linear interactivity - (Alternative 3)
- Non-Linear interactivity - (Alternative 4)

Question No.9

1.00

Bookmark

A time delay between the cause and the effect of some physical change in the system being observed is known as _____.

- tradeoff - (Alternative 1)
- tolerance - (Alternative 2)
- latency - (Alternative 3)**
- None of these - (Alternative 4)

Question No.10

1.00

Bookmark

How many default worksheets are present in MS Excel?

- 4 - (Alternative 1)
- 255 - (Alternative 2)
- 3 - (Alternative 3)**
- 65535 - (Alternative 4)

Question No.1

1.00

Bookmark

કોણીએ ગોળ લગાવવો' કહેવતનો અર્થ દર્શાવો.

- સાકાર ન મળી એટલે ગોળનો ઉપયોગ કરવો - (Alternative 3)
- ગણતરીમાં ન લેવું - (Alternative 1)
- **છેતરામણી લાલચ આપવી - (Alternative 2)**
- ફોગટ મહેનત કરાવડાવવી - (Alternative 4)

Question No.2

1.00

Bookmark

નીચેના પૈકી 'છેડો' શબ્દનો વિરુદ્ધાર્થી શબ્દ કયો છે?

- સમાપ્તિ - (Alternative 4)
- **આરંભ - (Alternative 1)**
- અંત - (Alternative 2)
- સીમા - (Alternative 3)

Question No.3

1.00

Bookmark

શિક્ષણ જીવનને આનંદમય બનાવે છે' વિધાનની કર્મણિ વાક્યરચનારૂપે નીચે પૈકી કયું વિધાન યોગ્ય છે?

- **શિક્ષણ વડે જીવનને આનંદમય બનાવી શકાય છે. - (Alternative 2)**
- કમાલ છે, શિક્ષણે જીવનને કેવું આનંદમય બનાવ્યું છે? - (Alternative 3)
- શિક્ષણ, શું જીવનને આનંદમય બનાવી શકે? - (Alternative 1)
- શિક્ષિત હો કે અભણ, પરંતુ, જીવન તો આવડતથી જ આનંદમય બને. - (Alternative 4)

Question No.4

1.00

Bookmark

નીચેમાંથી કયા વિકલ્પમાં કહેવતનો અર્થ અલગ પડે છે?

- રાઈનો પર્વત કરવો એટલે અતિશયોક્તિ કરવી - (Alternative 3)
- વાતનું વતેસર કરીને શો ફાયદો? - (Alternative 1)
- **બોલવામાં લોચા વળે તો અર્થનો અનર્થ થઈ જાય - (Alternative 4)**
- ઘણાંને આદત હોય કાગનો વાઘ કરવાની - (Alternative 2)

Question No.5

1.00

Bookmark

નીચેમાંથી કયો રૂઢિપ્રયોગ અશુદ્ધ છે?

- કબર ખોદવી - (Alternative 4)
- કાનની બૂટ પકડવી - (Alternative 2)
- પેટમાં તેલ રેડાવું - (Alternative 3)
- **ધૂળ સાફ કરવી - (Alternative 1)**

Question No.6

1.00

Bookmark

નીચેમાંથી કયું વિધાન કર્તરી વાકયરચનાની દ્રષ્ટીએ યોગ્ય છે?

- સમીર ઈશ્વરની સ્તુતિ કેવી રીતે કરશે? - (Alternative 2)
- સમીર ઈશ્વરની સ્તુતિ શું કરશે? - (Alternative 4)
- સમીર વડે ઈશ્વરની સ્તુતિ કરાય છે. - (Alternative 3)
- સમીર ઈશ્વરની સ્તુતિ કરે છે. - (Alternative 1)

Question No.7

1.00

Bookmark

નીચેમાંથી કયું વિધાન વાક્ય ભાષાશુદ્ધિની દ્રષ્ટીએ ખોટું છે?

- ઘોડો ઘાસ ચરે છે. - (Alternative 3)
- કબુતર ચણ ચણે છે. - (Alternative 2)
- કબુતર ઘાસ ચણે છે. - (Alternative 4)
- ગાય ઘાસ ખાય છે. - (Alternative 1)

Question No.8

1.00

Bookmark

નીચેના પૈકી કયો શબ્દ 'આર્ય'નો સમાનાર્થી છે?

- સ્ત્રી - (Alternative 1)
- સંસ્કારી - (Alternative 2)
- આંબાનું ઝાડ - (Alternative 4)
- ગુરુ - (Alternative 3)

Question No.9

1.00

Bookmark

નીચેના વિકલ્પોમાંથી કયા વિકલ્પની જોડી અલગ પડે છે.

- શંકર-પાર્વતી - (Alternative 3)
- હીર-રાંઝા - (Alternative 4)
- રામ-સીતા - (Alternative 2)
- રાધા-કૃષ્ણ - (Alternative 1)

Question No.10

1.00

Bookmark

ઉચ્ચાર-સામ્ય અર્થ-ભેદવાળા વિકલ્પો નીચેના પૈકી કયા કયા છે?

1. પહેલા-પહેલાં

2. રવિ-રવી 3. વાસ-સુવાસ

4. નદ-નગદ

1 અને 2 - (Alternative 1)

2 અને 3 - (Alternative 2)

3 અને 4 - (Alternative 3)

માત્ર 1 - (Alternative 4)