

Question Paper Name: 5234Civil Infrastructure for Smart City Development30th June 2019 Shift 2
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Civil Infrastructure for Smart City Development

Group Number : 1
Group Id : 489994179
Group Maximum Duration : 0
Group Minimum Duration : 120
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 100

Civil Infrastructure for Smart City Development

Section Id : 489994235
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 100
Number of Questions to be attempted: 100
Section Marks: 100
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 489994252
Question Shuffling Allowed : Yes

Question Number : 1 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

IoT promotes the creation of IoT terminal industry _____

- A. Devices**
- B. Network**
- C. Clusters**
- D. Things**

Options :

1. 1

2. 2

3. 3

Question Number : 2 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which approach is used in this architecture?

- A. Top down approach
- B. Bottom up approach
- C. Top down and Bottom Up
- D. Neither Top down nor bottom up

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 3 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Who will use their own IoT business models?

- A. PaaS
- B. SaaS
- C. IaaS
- D. Service provider

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 4 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The core element is operated by _____

- A. PaaS
- B. IoT service Provider
- C. SaaS
- D. IaaS

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 5 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

element of architecture of smart city is _____

- A. Mobile Unified Service
- B. Urban Application Platform
- C. Management center
- D. Integrated Information Provider

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Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 6 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An IoT _____ centre is envisaged as an important part of the generic IoT platform to unify the organization.

- A. Individual Information
- B. Individual Integration
- C. Integrated Information
- D. Individual and Integrated Information

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 7 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The autonomous _____ based IoT platforms are used for internal management of the corresponding enterprise.

- A. eGovernment related
- B. Enterprise-based
- C. Company based
- D. Business oriented platform

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 8 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ITS stands for _____

- A. Internet Travel Services
- B. Internet Transportation Security
- C. Intelligent Transportation Security
- D. Intelligent Transportation Services

Options :

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- 2. 2
- 3. 3
- 4. 4

Question Number : 9 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The _____ may become an important facilitator and stimulate for the modern economy.

- A. eGovernment related
- B. Enterprise-based
- C. Company based
- D. Business oriented platform

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 10 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In order to improve their competitiveness and services assurance, the _____ require independently funded IoT projects.

- A. eGovernment related
- B. Enterprise-based
- C. Company based
- D. Business oriented platform

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 11 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In order to promote _____ the government should employ more management.

- A. eGovernment related
- B. Enterprise-based
- C. Company based
- D. Business oriented platform

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 12 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

- A. 3 types
B. 5 types
C. 4 types
D. 2 types

Options :

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

Question Number : 13 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A ____ is a set of activities, which are networked in an order and aimed towards achieving the goals of a project.

- A. Project
B. Process
C. Project management
D. Project cycle

Options :

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

Question Number : 14 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Developing a technology is an example of

- A. Process
B. Project
C. Scope
D. Objective

Options :

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

Question Number : 15 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Following are the phases of Project Management Life Cycle. Arrange them in correct order

1. Design, 2. Marketing, 3. Analysis and evaluation, 4. Inspection, Testing and Delivery

- A. 3-2-1-4
B. 1-2-3-4
C. 2-3-1-4
D. 4-3-2-1

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

Question Number : 16 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Design phase consist of

- A. Input received
- B. Output receive
- C. Both (A) and (B)
- D. Inputs transmitted

Options :

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

Question Number : 17 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Five dimensions that must be managed on a project

- A. Constraint, Quality, Cost, Schedule, Staff
- B. Features, Quality, Cost, Schedule, Staff
- C. Features, priority, Cost, Schedule, Staff
- D. Features, Quality, Cost, Schedule, customer

Options :

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

Question Number : 18 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Resource requirement in project becomes constant while the project is in its _____ Progress Stage.

- A. 40 to 55%
- B. 55 to 70%
- C. 70 to 80%
- D. 80 to 95%

Options :

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

Question Number : 19 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

probability of completing the project can be estimated based upon the _____. A.

Uniform distribution curve

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B. Normal distribution curve.

C. U-shaped distribution curve

D. V-shaped distribution curve.

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 20 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In the initial stage of the project the probability of completing the project is ____.

A. Zero

B. High

C. Low

D. Very high

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 21 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The entire process of a project may be considered to be made up on number of sub process placed in different stage called the

A. Technical key resources

B. Work key structure

C. Work Breakdown Structure (WBS).

D. None of the above

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 22 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Tool used for comparison of the proposed project to complete projects of a similar nature whose costs are known.

A. Algorithmic model

B. Expert judgment

C. Top down

D. Analogy

Options :

1. 1

2. 2

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Question Number : 23 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Each component of the software product is separately estimated and the results aggregated to produce an estimate for the overall job.

- A. Algorithmic model
- B. Expert judgment
- C. Bottom-up
- D. Top down

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 24 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Following are the characteristics of Project Mindset.

- A. Time, Responsiveness, Information sharing, Processes, structured planning
- B. Time, Project management, Information sharing, Processes, structured planning
- C. Time, Responsiveness, Information sharing, capability, structured planning
- D. Time, Responsiveness, Information sharing, Processes, project planning

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 25 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

"Devising and maintaining a workable scheme to accomplish the business need" is

- A. Initiating process
- B. Planning process
- C. Executing process
- D. Controlling process

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 26 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

g the changes in the project may affect

- A. The progress of the project
- B. Total cost
- C. Project quality
- D. Time

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 27 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Term used to express how it is easy to reach at particular place is

- A. durability
- B. refer ability
- C. accessibility
- D. consistency

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 28 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Who is responsible for the construction and maintenance of the National Highways?

- A. State Government
- B. Central Government
- C. Federal Government
- d) National Government

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 29 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Bridges and tunnels connect the Multilane National _____

- A. Highways
- B. Railways
- C. Airways
- D. Waterways

Options :

- 1. 1
- 2. 2
- 3. 3

Question Number : 30 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

As the magnitude of natural disasters increases their frequency of occurrence _____

- A. increases
- B. decreases
- C. remains the same
- D. cannot be predicted

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 31 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The term Tsunami is coined from?

- A. Chinese term
- B. Indian term
- C. German term
- D. Japanese term

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 32 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

National Institute of Disaster management is located at?

- A. Pune
- B. Midnapur
- C. New Delhi
- D. Kolkotta

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 33 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

International Tsunami Information Centre is in?

- A. Honolulu
- B. Goa
- C. Jakarta
- D. Pondicherry

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

Question Number : 34 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When a river's water level reaches 10 metres, this means that:

- A. the water level is 10 metres above an arbitrary 'zero' level
- B. the water level is 10 metres above mean sea level
- C. the water level is 10 metres above mean sea level or an arbitrary 'zero' level
- D. it will flood.

Options :

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

Question Number : 35 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

How many feet of fast-moving flood water can sweep a vehicle away?

- A. 1 feet
- B. 2 feet
- C. 3 feet
- D. 4 feet

Options :

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

Question Number : 36 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which process improves efficiency of solid waste management?

- A. Disposal
- B. Collection
- C. Compositing
- D. Processing

Options :

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

Question Number : 37 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

- A. Nuclear weapons
B. X-rays
C. Nuclear power plants and cancer treatment
D. All of above

Options :

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

Question Number : 38 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Chlorophenols are toxic to bacteria and

- A. Fish
B. Birds
C. Tigers
D. Insects

Options :

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

Question Number : 39 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A radiation dose can cause:

- A. Nausea and vomiting
B. Heart disease
C. Arthritis
D. All of above

Options :

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

Question Number : 40 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is concentration of carbon dioxide in atmosphere?

- A. 650ppm
B. 350ppm
C. 450ppm
D. 950ppm

Options :

1. 1

3. 3
4. 4

Question Number : 41 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What damages will be caused by house paints?

- A. Water pollution
- B. Acid Deposition
- C. CFCs
- D. Nox

Options :

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

Question Number : 42 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In compositing, volume of solid waste is

- A. Reduced
- B. Enhanced
- C. Burnt
- D. Removed

Options :

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

Question Number : 43 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Secondary treatment is also known as

- A. Biological Treatment
- B. Preliminary Treatment
- C. Secondary Treatment
- D. Tertiary Treatment

Options :

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

Question Number : 44 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A. Insects

B. Fishes

C. Animals

D. Humans

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Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 45 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is important to support marine animals in water bodies?

A. Dissolved Oxygen

B. Nitrogen

C. CO

D. CO₂

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 46 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which compositing requires large areas?

A. Manual Compositing

B. Mechanical Compositing

C. Open Window Compositing

D. Trenching

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 47 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Presence of hydrogen sulphide indicates anaerobic

A. Decomposition

B. Eutrophication

C. Degradation

D. Biodegradation

Options :

1. 1

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3. 3

4. 4

Question Number : 48 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In higher temperature, D.O concentration of water molecules is, comparatively

- A. High
- B. Low
- C. Medium
- D. Very High

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 49 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In plants, acid leach, important elements in soil, resulting in reduced

- A. Photosynthesis
- B. Growth
- C. Evaporation
- D. Transpiration

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 50 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which bacteria consumes organic matter as their food, and thus oxidizing it to stable end product?

- A. Viruses
- B. Aerobic Bacteria
- C. Anaerobic Bacteria
- D. Rotifers

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 51 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

- A. Mountain Areas
- B. Coastal Areas
- C. Hilly areas
- D. Terrestrial Areas

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 52 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

How many grams of air in a litre?

- A. 1.5 gm
- B. 1.3gm
- C. 1.2gm
- D. 7gm

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 53 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Bacterial decomposition of organic matter, releases NO_2 into

- A. Stratosphere
- B. Troposphere
- C. Atmosphere
- D. Biosphere

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 54 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Uncontrolled, dumping is cheapest method of

- A. Solid waste
- B. Chemical Waste
- C. Nuclear Waste
- D. Food Waste

Options :

- 1. 1

3. 3

4. 4

Question Number : 55 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

'Aerobic' decomposition takes place in

- A. Two stages
- B. Three stages
- C. Four Stages
- D. Five stages

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 56 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which chemical is a 'ozone' depleting solvent?

- A. PAN
- B. CFCs
- C. Carbon tetrachloride
- D. Nitrogen

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 57 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which solid waste disposal method is suitable to Indian conditions?

- A. Land filling
- B. Incineration
- C. Pulverization
- D. Composition

Options :

1. 1

2. 2

3. 3

4. 4

Question Number : 58 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

- A. Dispersion
- B. Reduction
- C. Suspended solids
- D. Degradation

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 59 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Applied and basic aspects of environmental science require a solid foundation in

- A. Anthropogenic
- B. Natural Sciences
- C. Multi-disciplinary nature
- D. All of Above

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 60 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Recycling is an integral part of

- A. Solid waste management
- B. Collection
- C. Disposal
- D. Processing

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 61 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Organic matter, which can be decomposed by bacteria is known as

- A. Biodegradable organic matter
- B. Degradation
- C. Eutrophication
- D. Decomposers

Options :

- 1. 1

3. 3
4. 4

Question Number : 62 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When ELR and ALR are equal, atmosphere is said to be

- A. Higher
- B. Super Adiabatic
- C. Lapse rate
- D. Neutral

Options :

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

Question Number : 63 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Soil, silt washing from land surfaces, fertilizers, insecticides are known as

- A. Agricultural Pollution
- B. Mining Pollution
- C. Municipal Pollution
- D. Industrial Pollution

Options :

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

Question Number : 64 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

With passage of time, filled up solid wastes will get stabilized by

- A. Decomposition
- B. Eutrophication
- C. Hydrolysis
- D. Urbanization

Options :

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

Question Number : 65 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0



- A.10
- B. 5
- C. 9
- D.6

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Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 66 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the below is not an idea behind solid waste management?

- A. Control of waste generation
- B. Storage and collection
- C. Disposal
- D. Stop waste generation

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 67 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The number of functional components of solid waste management is:

- A. 5
- B. 3
- C. 6
- D.4

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 68 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The term ISWM refers to:

- A. International Solid Waste Management
- B. Integrated Solid Waste Management
- C. Integrated Solid Waste Machine
- D. International Solid Waste Mechanism

Options :

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2. 2
3. 3
4. 4

Question Number : 69 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Under which rule of Government, guidelines for solid waste management are followed today?

- A. Municipal Solid Waste Rules, 2000
- B. Municipal Solid Waste Rules, 2016
- C. Solid Waste Rules, 2000
- D. Solid Waste Rules, 2016

Options :

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

Question Number : 70 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The average composition of Municipal solid waste is:

- A. 41% organic, 40% inert & 19% recyclable
- B. 20% organic, 60% inert & 20% recyclable
- C. 30% organic, 20% inert & 50% recyclable
- D. 19% organic, 41% inert & 40% recyclable

Options :

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

Question Number : 71 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

There are _____ ways to treat waste thermally.

- A. 5
- B. 3
- C. 2
- D. 6

Options :

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

How many types of landfills are there?

- A. 3
- B. 2
- C. 5
- D. 4

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 73 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Bio-medical waste can be effectively managed by the thermal process.

- A. True
- B. False

Options :

- 1. 1
- 2. 2

Question Number : 74 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The WHO has classified the bio-medical waste into _____ categories.

- A. 5
- B. 4
- C. 3
- D. 2

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 75 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which gas produced in open dumps from the decomposition of biodegradable waste?

- A. Ethane
- B. Methane
- C. Propene
- D. Ethene

Options :

- 1. 1
- 2. 2
- 3. 3

Question Number : 76 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which is the first state in India to make roof top rain water harvesting compulsory to all the houses?

- A. Tamil Nadu
- B. Kerala
- C. Assam
- D. Goa

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 77 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The name given to the diversion channels of the western Himalayas is _____

- A. Phalodi
- B. Johads
- C. Guls or Kuls
- D. Khadins

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 78 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is Palar pani?

- A. Spring
- B. Milk
- C. River water
- D. Rain water

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 79 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ver's water level reaches 10 metres, this means that:

- A. the water level is 10 metres above an arbitrary 'zero' level
- B. the water level is 10 metres above mean sea level
- C. the water level is 10 metres above mean sea level or an arbitrary 'zero' level
- D. it will flood.

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Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 80 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is the major source of fresh water which is available in India?

- A. Ocean water
- B. River water
- C. Pond water
- D. Ground water

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 81 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Narmada Bachao Andolan is related to _____

- A. Tehri
- B. Bhakra Nangal
- C. Sardar Sarovar
- D. Rihand

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 82 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

At what time usually rainfall is recorded in India? A.

- A. 4 P.M.
- B. 6 P.M.
- C. 8 P.M.
- D. 10 P.M.

Options :

- 1. 1
- 2. 2

Question Number : 83 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The total surface of water in the earth surface is _____

- A. 65%
- B. 69%
- C. 71%
- D. 75%

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 84 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The rank of India in terms of water availability per person p.a in the world is _____

- A.130th
- B. 131st
- C. 132nd
- D.133rd

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 85 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Disasters can be broadly termed as _____ types.

- A) 2
- B) 4
- C) 5
- D) 3

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 86 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

- A. June, July
- B. July, August
- C. July, September
- D. August, September

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 87 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Uttarakhand lies in zone _____ of Earthquake prone areas.

- A. 5
- B. 3
- C. 4
- D. 2

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 88 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

To measure flood variability, _____ is used widely.

- A. FFMI
- B. FI C.
- FMI D.
- FFI

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

Question Number : 89 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

How many elements of disaster management are there?

- A. 8
- B. 7
- C. 4
- D. 6

Options :

- 1. 1

3. 3
4. 4

Question Number : 90 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the below is an example of slow-onset disaster?

- A. Earthquake
- B. Tsunami
- C. Cyclone
- D. Draught

Options :

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

Question Number : 91 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

How many phases of disaster response are there?

- A. 5
- B. 4
- C. 3
- D. 2

Options :

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

Question Number : 92 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The first step in preparedness planning is:

- A. Analysis of data collected
- B. Determination of objectives
- C. Development of implementing device
- D. Determination of strategy

Options :

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

Question Number : 93 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

- A. 25
B. 100
C. 50
D. 85

Options :

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

Question Number : 94 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Scientists have found which phenomenon changes elastic properties of earth's crust close to 6,000 kilometres away?

- A. Earthquakes
B. Hurricanes
C. Typhoons
D. Cyclones

Options :

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

Question Number : 95 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In which of the following regions of Afghanistan, a high intensity earthquake was experienced on 10th Aug'15?

- A. Ghazni
B. Hindukush
C. Bamiyan
D. Kabul

Options :

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

Question Number : 96 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

With how many countries is India working on an ambitious project with scientists, geophysicists, and seismologists to develop an early-warning system for prediction of earthquake?

- A. 5
B. 15
C. 27
D. 32

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

Question Number : 97 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Where was the epicentre of Earthquake of 7.9 magnitude that struck Nepal and India on 25th Apr'15?

- A. Gorakhpur
- B. Lamjung
- C. Kathmandu
- D. Kirtipur

Options :

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

Question Number : 98 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the correct sequence of arrival of seismic waves?

- A. P waves- S waves... Love waves - Rayleigh waves
- B. Surface waves ... P waves S waves
- C. P waves ... Surface waves ... S waves
- D. S waves ... P waves Surface waves

Options :

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

Question Number : 99 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following waves travel slowly?

- A. P waves
- B. S waves
- C. Tsunami waves
- D. Seismic body wave

Options :

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

Earthquakes occur when there is a sudden release of stored up energy in Earth's

- A. Inner core
- B. Outer core
- C. Upper mantle
- D. Lower crust

Options :

- 1. 1
- 2. 2
- 3. 3
- 4. 4

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