National Testing Agency

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Disaster Studies 911

Group Number :	1
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Section A

Section Id :	12820654
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	22
Number of Questions to be attempted:	22
Section Marks:	50
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	12820676
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 1282061730 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

Which of the following approach in disasters is committed to the reduction of social vulnerability and promotion of equity in society in its postdisaster responses.

A. Equity based approach
B. Rights – based approach
C. Vulnerability assessment approach
D. None of the above

Options :

1282066825. A

1282066826. B

1282066827. C

1282066828. D

Question Number : 2 Question Id : 1282061731 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

Disaster risk reduction (DRR) represents a paradigm shift:

A. From response centric to mitigation

B. From response and recovery to prevention and preparedness.

C. From identifying risk to prevention

D. From response to Mitigation of disaster

Options :

1282066829. A

1282066830. B

1282066831. C

1282066832. D

Question Number : 3 Question Id : 1282061732 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

Which is the most appropriate way to study Disasters and its impact holistically?

A. Unidisciplinary perspective

B. Multidisciplinary perspective

C. Interdisciplinary perspective

D. Transdisciplinary perspective

Options :

1282066833. A

1282066834. B

1282066835. C

1282066836. D

Question Number : 4 Question Id : 1282061733 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

An Artificial Intelligence technique that allows computers to understand associations and relationships between objects and events is called:

A. heuristic processing

B. cognitive science

C. relative symbolism

D. pattern matching

Options :

1282066837. A

1282066838. B

1282066839. C

1282066840. D

Question Number : 5 Question Id : 1282061734 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

What was originally called the "imitation game" by its creator?

A. The Turing Test
B. LISP
C. The Logic Theorist
D. Cybernetics

Options :

1282066841. A

1282066842. B

1282066843. C

1282066844. D

Question Number : 6 Question Id : 1282061735 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

Metaheuristic techniques involve

A. Exploration
B. Exploitation
C. Exploration and Exploitation
D. None of the above

Options :

1282066845. A

1282066846. B

1282066847. C

1282066848. D

Question Number : 7 Question Id : 1282061736 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The field that investigates the mechanics of human intelligence is:

A. History
B. Cognitive science
C. Psychology
D. Sociology

Options :

1282066849. A

1282066850. B

1282066851. C

1282066852. D

Question Number : 8 Question Id : 1282061737 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

What is the term used for describing the judgmental or commonsense part of problem solving?

A. Heuristic
B. Critical
C. Value Based
D. Analytical

Options :

1282066853. A

1282066854. B

1282066855. C

1282066856. D

Question Number : 9 Question Id : 1282061738 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

A machine that has consciousness and can perform multiple task depicts

A. Strong AI
B. Generic AI
C. Super Intelligence
D. All of the above

Options :

1282066857. A

1282066858. B

1282066859. C

1282066860. D

Question Number : 10 Question Id : 1282061739 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

A process that is repeated, evaluated, and refined is called:

A. Diagnostic
B. Descriptive
C. Interpretive
D. Iterative

Options :

1282066861. A

1282066862. B

1282066863. C

1282066864. D

Question Number : 11 Question Id : 1282061740 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

. Which of the following is a fake network designed to tempt intruders with unpatched and unprotected security vulnerabilities and false data?

A. IDS
B. Honeynet
C. Padded cell
D. Pseudo flaw

Options :

1282066865. A

1282066866. B

1282066867. C

1282066868. D

Question Number : 12 Question Id : 1282061741 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The process of removing detail from a given state representation is called

A. Extraction
B. Abstraction
C. Information Retrieval
D. Mining of data

Options :

1282066869. A

1282066870. B

1282066871. C

1282066872. D

Question Number : 13 Question Id : 1282061742 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

A production rule consists of

A. A set of Rule
B. A sequence of steps
C. Set of Rule & sequence of steps
D. Arbitrary representation to problem

Options :

1282066873. A

1282066874. B

1282066875. C

1282066876. D

Question Number : 14 Question Id : 1282061743 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Natural language processing is divided into the two subfields of:

A. symbolic and numeric
B. time and motion
C. algorithmic and heuristic
D. understanding and generation

Options :

1282066877. A

1282066878. B

1282066879. C

1282066880. D

Question Number : 15 Question Id : 1282061744 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

A problem is first connected to its proposed solution during the

a) Conceptualization stage
b) Identification stage
c) Formalization stage
d) Implementation stage

Options :

1282066881. A

1282066882. B

1282066883. C

1282066884. D

Question Number : 16 Question Id : 1282061745 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Redundancy in data in databases leads to

A. Insertion Anomaly
B. Updation Anomaly
C. Deletion Anamoly
D. All of the above

Options :

1282066885. A

1282066886. B

1282066887. C

1282066888. D

Question Number : 17 Question Id : 1282061746 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Which of the following is true in a relational database system

A. Every Super Key is a Candidate Key
B. Every Super Key is a Primary Key
C. Every Candidate Key is a Primary Key
D. Every Primary Key is a Super Key

Options :

1282066889. A

1282066890. B

1282066891. C

1282066892. D

Question Number : 18 Question Id : 1282061747 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The number of tuples in a relation and number of attributes in a relation in a relational database model are called

A. Cardinality of a relation and degree of a relation respectively
B. Degree of a relation and Cardinality of a relation respectively
C. View of a relation and schema of a relation respectively
D. Schema of a relation and view of a relation respectively

Options :

1282066893. A

1282066894. B

1282066895. C

1282066896. D

Question Number : 19 Question Id : 1282061748 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Which are the two ways in which entities in an ER diagram can participate in a relationship?

A. Passive and Active
B. Simple and Complex
C. Total and Partial
D. None of the above

Options :

1282066897. A

1282066898. B

1282066899. C

1282066900. D

Question Number : 20 Question Id : 1282061749 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Which of the following is true for a candidate key in databases

A. It is a minimal super key
B. Its value for every record is unique
C. No subset of it is a key
D. All of the above

Options :

1282066901. A

1282066902. B

1282066903. C

1282066904. D

Question Number : 21 Question Id : 1282061750 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Which scientific method often focuses on generating new hypotheses and theories?

A. Deductive method
B. Inductive method
C. Hypothesis method
D. Pattern method

Options :

1282066905. A

1282066906. B

1282066907. C

1282066908. D

Question Number : 22 Question Id : 1282061751 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

A qualitative research question:

A. Asks a question about some process, or phenomenon to be explored
B. Is generally an open-ended question
C. both a and b are correct
D. None of the above

Options :

1282066909. A

1282066910. B

1282066911. C

1282066912. D

Section B

Section Id :	12820655
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	17
Number of Questions to be attempted:	17
Section Marks:	50
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	12820677
Question Shuffling Allowed :	Yes

Question Id : 1282061752 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (23 to 28)

Question Label : Comprehension

Read the following passage and answer the associated question given in right panel:

"The famous character of an international broadcast *The Crocodile Hunter (1996-2007)* a wildlife documentary series was Stephen Robert Irwin. He was popularly known as the 'Crocodile Hunter.'He was an Australian zookeeper, conservationist and television personality and should not be confused with the rugged Australian rancher 'Crocodile Dundee'..He co-hosted many wildlife documentary series on animals from his experiences in real life with his wife Terri. They together also owned and operated Australia Zoo, founded by Irwin's parents in Beerwah, about 80 kilometres (50 mi) north of the Queensland state capital city of Brisbane. Irwin died on 4th September 2006 at 44, after being pierced in the heart by a stingray barb while filming an underwater documentary film titled *Ocean's Deadliest*on the Great Barrier Reef in far north Queensland."

Sub questions

Question Number : 23 Question Id : 1282061753 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

The crocodile hunter in the passage is;

A. A crocodile butcher
B. A conservationist
C. A rugged Australian rancher
D. A Hollywood film maker

Options :

1282066913. A

1282066914. B

1282066915. C

1282066916. D

Question Number : 24 Question Id : 1282061754 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

Stephen did not do one of the following;

A. Always worked with his wife
B. Was the caretaker of Australian Zoo
C. Lived in the state of Brisbane
D. Was a Crocodile Dundee

Options :

1282066917. A

1282066918. B

1282066919. C

1282066920. D

Question Number : 25 Question Id : 1282061755 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

Which of the following statement is not correct

A. Irwin died after being pierced by a stingray barb
B. He liked to work in underwater documentaries
C. The stingray was hiding in the Great Barrier Reef
D. The Great Barrier Reef is the world's largest coral reef system

Options :

1282066921. A

1282066922. B

1282066923. C

1282066924. D

Question Number : 26 Question Id : 1282061756 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

What is stingray

A. A fish from the shark family
B. A pointed mollusc
C. Electric ray
D. Piranha

Options :

1282066925. A

1282066926. B

1282066927. C

1282066928. D

Question Number : 27 Question Id : 1282061757 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

The 'Australia Zoo' was founded by;

A. Queensland state government
B. Brisbane City government
C. Irwin's parents
D. Stephen Robert Irwin

Options :

1282066929. A

1282066930. B

1282066931. C

1282066932. D

Question Number : 28 Question Id : 1282061758 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 3 Wrong Marks : 0

Irwin died while shooting s documentary film. Which of the following statement is correct;

A. Documentary films are dangerous to shoot
B. Ocean's deadliest was a killer film
C. Sting Ray got angered on the shoot under water
D. The Great Barrier Reef was inhabited by dangerous sting rays.

Options :

1282066933. A

1282066934. B

1282066935. C

1282066936. D

Question Number : 29 Question Id : 1282061759 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Two major animal species are currently the most targeted victims of human induced disasters. Identify from the following;

A. Polar bears and Penguins
B. Seals and walrus
C. Reindeer and Muskox
D. Whales and Polar Bears

Options :

1282066937. A

1282066938. B

1282066939. C

1282066940. D

Question Number : 30 Question Id : 1282061760 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Recent cyclones in the Indian Ocean region have been christened by unique and distinctive names like Nargis, Aila, Phailin, Helen, Hudhud and Nilofar. How are they named?

A. The Indian Meterological Department (IMD) which issues cyclone advisors to eight countries has a list of names contributed by each of them
B. They are named alphabetically
C. World Meteorological Organization (WMO) coordinates available meteorological information to select a name
D. Countries are free to name as per their cultural indicators

Options :

1282066941. A

1282066942. B

1282066943. C

1282066944. D

Question Number : 31 Question Id : 1282061761 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

What do you understand by “blue economy”

A. Steady economic growth
B. Develop blue lagoons for sea food cultivation
C. Sustainable use of oceanic resources for economic development
D. To harness energy from blue skies

Options :

1282066945. A

1282066946. B

1282066947. C

1282066948. D

Question Number : 32 Question Id : 1282061762 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

What is the nodal organization that coordinates disaster mitigation efforts in the Indian Ocean region?

A. The Indian Ocean Naval Symposium
B. The Indian Ocean Rim Association
C. Indian National Centre For Ocean Information Services
D. Tsunami Early Warning Centre

Options :

1282066949. A

1282066950. B

1282066951. C

1282066952. D

Question Number : 33 Question Id : 1282061763 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

What is Kyoto Protocol

A. Commitment by countries to reduce greenhouse gas emissions
B. A protocol on dealing with inter-state relations
C. Agreement to share information on natural disasters
D. An arrangement in sharing global resources

Options :

1282066953. A

1282066954. B

1282066955. C

1282066956. D

Question Number : 34 Question Id : 1282061764 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

What is the principal aim of the 2015 Sendai Framework?

A. Substantial reduction of disaster risk and losses in lives, livelihoods and health
B. Commitment to reduce greenhouse gases by 5% by 2020
C. Increase regional economic cooperation
D. Share the burden of damages arising out of disasters

Options :

1282066957. A

1282066958. B

1282066959. C

1282066960. D

Question Number : 35 Question Id : 1282061765 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

To conserve coral reefs, the government of India declared one of the following as Marine Park

A. Gulf of Mannar
B. Andaman Islands
C. Gulf of Kutch
D. Lakshadweep Islands

Options :

1282066961. A

1282066962. B

1282066963. C

1282066964. D

Question Number : 36 Question Id : 1282061766 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

What best explains Art. 21 of the Indian constitution includes;

A. It is merely a physical right and does not ensure enough protection against discrimination and abuse
B. It includes a life of human dignity, access to food, clothing, shelter and education etc
C. Guarantees adequate nutrition to the poor children
D. All of the above

Options :

1282066965. A

1282066966. B

1282066967. C

1282066968. D

Question Number : 37 Question Id : 1282061767 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

What is the latest policy on the 'Ganges' river in India?

A. Ganga River Basin Management Plan
B. National Mission for Clean Ganga
C. Ganga Manthan and Jal Manthan
D. Namami Gange mission plan

Options :

1282066969. A

1282066970. B

1282066971. C

1282066972. D

Question Number : 38 Question Id : 1282061768 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

An exceptional reason which brings immense hope after the setting up of the National Green Tribunal in 2010 can be expressed as;

A. It is headed by a judge from the Supreme Court
B. It is a specialized body equipped with the necessary expertise to handle environmental problems
C. It is mission driven in legal ethics
D. It is not bound by the procedures under the Code of Civil Procedure 1908

Options :

1282066973. A

1282066974. B

1282066975. C

1282066976. D

Question Number : 39 Question Id : 1282061769 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Match the pairs of Hydroelectric projects of north east with their respective states

(1) Rangit Dam	(a) Tripura
(2) Gumati Dam	(b) Sikkim
(3) Khuga Dam	(c) Assam
(4) Subansiri Dam	(d) Arunachal Pradesh
(5) Ranganadi Dam	(e) Manipur

A. (1)=(b), (2)=(e), (3)=(a), (4)=(c), (5)=(d)
B. (1)=(d), (2)=(e), (3)=(a), (4)=(b), (5)=(c)
C. (1)=(d), (2)=(e), (3)=(d), (4)=(b), (5)=(c)
D. (1)=(b), (2)=(a), (3)=(e), (4)=(c), (5)=(d)

Options :

1282066977. A

1282066978. B

1282066979. C

1282066980. D

Question Number : 40 Question Id : 1282061770 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Which institution has been assigned to support the implementation, follow-up and review of Sendai Framework for Disaster Risk Reduction in generating evidence-based and practical guidance for implementation in close collaboration with States, and through mobilization of experts; reinforcing a culture of prevention in relevant stakeholders ;

A. Local Panchayats and District Administration
B. UNEP
C. UNISDR
D. National Environment Ministries

Options :

1282066981. A

1282066982. B

1282066983. C

1282066984. D

Question Number : 41 Question Id : 1282061771 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

One of the following highlights the major substantive difference between the Hyogo and the Sendai Declarations ;

A. The former's focus on preparedness and latter's on resilience
B. The former's focus on 5 priorities in contrast to 7 priorities with the latter
C. The former's focus on action and implementation and the latter on fostering inclusion
D. All of the above

Options :

1282066985. A

1282066986. B

1282066987. C

1282066988. D

Question Number : 42 Question Id : 1282061772 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Which of the following globally televised incident stirred human consciousness towards nonhumans trapped in disasters

A. Flowing bodies of cattle in Bihar Floods every year
B. The poignant story of Snowball's separation from the boy during Katrina 2005
C. Indiscriminate deaths of Rhinos and tigers after flash floods at Kaziranga 2017
D. Floating bodies of Hippos in Hurricane Mathew, Haiti 2016

Options :

1282066989. A

1282066990. B

1282066991. C

1282066992. D

Question Number : 43 Question Id : 1282061773 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Disaster experts have failed on one of the following fronts stronger than on other fronts;

A. data on melting ice at the Himalayas and landslides
B. shrinking Arctic sea ice and the global climate system
C. Khumbu Icefall of Khumbu Glacier on the route to Mount Everest,
D. phenomenon of "dark snow" from arctic to Himalayas

Options :

1282066993. A

1282066994. B

1282066995. C

1282066996. D

Question Number : 44 Question Id : 1282061774 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Which chapter in the Constitution of India constitutes a set of directives to the state

A. Chapter II
B. Chapter III
C. Chapter IV
D. Chapter V

Options :

1282066997. A

1282066998. B

1282066999. C

1282067000. D