



Test Date : 10 Dec 2022

Test Slot : Slot 1

Subject : NSSH-National Security Studies

Sl. No.1

QBID:9162001

Which of the following is not responsible for generation of Antimicrobial Resistance in human pathogens?

- 1) Over the counter sale of antibiotics
- 2) Use of antibiotics in livestock for growth
- 3) Global warming
- 4) Poor Diagnostic practices

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19041]

2[Option ID=19042]

3[Option ID=19043]

4[Option ID=19044]

Sl. No.2

QBID:9162002

Which of the following techniques was used widely to diagnose COVID 19?

- 1) MALDI-TOF
- 2) Reverse Transcriptase-Polymerase Chain Reaction
- 3) X-Ray
- 4) Ultrasound

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19045]

2[Option ID=19046]

3[Option ID=19047]

4[Option ID=19048]

Sl. No.3

QBID:9162003

Match the following with their speed

Speed Regime	Speed (km/h)
i. Subsonic	a) <980
ii. Transonic	b) 6150–12,300
iii. Supersonic	c) 1,470–6,150
iv. Hypersonic	d) 980–1470
v. High-hypersonic	e) 12,300–30,740
vi. Ultrasonic	f) >30,740

- 1) i-f, ii- d, iii-c, iv- b, v-e, vi-a
- 2) i-d, ii- a, iii-b, iv- c, v-e, vi-f
- 3) i-a, ii- d, iii-c, iv- b, v-e, vi-f
- 4) i-c, ii- d, iii-a, iv- b, v-e, vi-f

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19049]

2[Option ID=19050]

3[Option ID=19051]

4[Option ID=19052]

Sl. No.4

QBID:9162004

Which of the following is not an example of fully autonomous weapon system?

- 1) S-400 anti-aircraft system
- 2) Iron Dome
- 3) Patriot
- 4) T- 90 tank

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19053]

2[Option ID=19054]

3[Option ID=19055]

4[Option ID=19056]

Sl. No.5

QBID:9162005

Which of the following best describes the sentence below:

The integration of smart objects in the current Internet infrastructure.

- 1) Data
- 2) Cloud Computing
- 3) Virtual Reality
- 4) Internet of Things

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19057]

2[Option ID=19058]

3[Option ID=19059]

4[Option ID=19060]

Sl. No.6

QBID:9162006

Fill in the blank:

_____ is to bitcoin, what the Internet is to email.

- 1) Blockchain
- 2) Autonomous System
- 3) Additive Manufacturing
- 4) IoT

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19061]

2[Option ID=19062]

3[Option ID=19063]

4[Option ID=19064]

Sl. No.7

QBID:9162007

Which of the following countries has launched world's first Quantum Communication Satellite?

- 1) USA
- 2) Russia
- 3) India
- 4) China

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19065]

2[Option ID=19066]

3[Option ID=19067]

4[Option ID=19068]

Sl. No.8

QBID:9162008

What is the full form of LASER, the technology behind Directed Energy Weapons?

- 1) Large Amplification by Straight Emission of Radiation
- 2) Large Amplification by Stimulated Emission of Radiation
- 3) Light Amplification by Stimulated Emission of Radiation
- 4) Low Amplification by Straight Emission of Radiation

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19069]

2[Option ID=19070]

3[Option ID=19071]

4[Option ID=19072]

Sl. No.9

QBID:9162009

What is the full form of DDoS?

- 1) Directed Denial of Service
- 2) Distributed Denial of Service
- 3) Distributed Deterent on Service
- 4) Directed Deterent on Service

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19073]

2[Option ID=19074]

3[Option ID=19075]

4[Option ID=19076]

Sl. No.10

QBID:9162010

Which of the following companies announced to set up a Joint Venture (JV) to manufacture semiconductor in India?

- 1) Foxconn and Vedanta
- 2) Foxconn and BHEL
- 3) Adani Industries and Microsoft
- 4) Vedanta and Alphabet

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19077]

2[Option ID=19078]

3[Option ID=19079]

4[Option ID=19080]

Sl. No.11

QBID:9162011

As of October 2022, who is the chairman of Indian Space Research Organisation (ISRO)?

- 1) K Sivan
- 2) S Somnath
- 3) R Chandrashekhra
- 4) Satish Dhawan

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19081]

2[Option ID=19082]

3[Option ID=19083]

4[Option ID=19084]

Sl. No.12

QBID:9162012

Which of the following is a Stealth Unmanned Combat Air Vehicle developed by the DRDO?

- 1) Cheetah
- 2) Tejas
- 3) Chetak
- 4) Ghatak

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19085]
2[Option ID=19086]
3[Option ID=19087]
4[Option ID=19088]

Sl. No.13
QBID:9162013

Mission Shakti refers to

- 1) India's demonstration of anti-satellite capability
- 2) India's demonstration of nuclear capability
- 3) India's bullet train project
- 4) India's fighter jet project

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19089]
2[Option ID=19090]
3[Option ID=19091]
4[Option ID=19092]

Sl. No.14
QBID:9162014

What is the full form of PSLV, the vehicle which is used to launch satellites?

- 1) Polar Satellite Launch Vehicle
- 2) Public Satellite Launch Vehicle
- 3) Permanent Satellite Lightweight Vehicle
- 4) Permanent Satellite Launch Vehicle

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19093]
2[Option ID=19094]
3[Option ID=19095]
4[Option ID=19096]

Sl. No.15
QBID:9162015

Which of the following compounds is widely used in hand sanitizers?

- 1) Ketone
- 2) Aldehyde
- 3) Ethene
- 4) Alcohol

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19097]

2[Option ID=19098]

3[Option ID=19099]

4[Option ID=19100]

Sl. No.16

QBID:9162016

How many pair of chromosomes do humans have?

- 1) 23
- 2) 46
- 3) 44
- 4) 42

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19101]

2[Option ID=19102]

3[Option ID=19103]

4[Option ID=19104]

Sl. No.17

QBID:9162017

India along with which country has launched Initiative on Critical and Emerging Technologies?

- 1) Japan
- 2) USA
- 3) UK
- 4) Australia

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19105]
2[Option ID=19106]
3[Option ID=19107]
4[Option ID=19108]

Sl. No.18
QBID:9162018

Which of the following is the commercial arm of Indian Space Research Organisation?

- 1) SpaceX
- 2) VYOME
- 3) Brahmaand
- 4) NewSpace India Ltd.

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19109]
2[Option ID=19110]
3[Option ID=19111]
4[Option ID=19112]

Sl. No.19
QBID:9162019

The Human Development Report 1994 is largely based on a seminal paper written by a famous economist. What is his name?

- 1. Mahbub ul Haq
- 2. M. Ayoob
- 3. A. Acharya
- 4. C. Thomas

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19113]
2[Option ID=19114]
3[Option ID=19115]
4[Option ID=19116]

Sl. No.20

QBID:9162020

The "Organic Theory of State" was propounded by

1. Alfred Mahan
2. Mac Kinder
3. Friedrich Ratzel
4. Karl Haushofer

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19117]

2[Option ID=19118]

3[Option ID=19119]

4[Option ID=19120]

Sl. No.21

QBID:9162021

Match List I with List II

List I

List II

- | | |
|----------------------------------|-----------|
| A. Limited Test Ban Treaty | I. 1963 |
| B. Biological Weapons Convention | II. 1972 |
| C. SALT II | III. 1979 |
| D. START I | IV. 1990 |

Choose the correct answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-II, B-I, C-III, D-IV
3. A-I, B-II, C-IV, D-III
4. A-I, B-III, C-II, D-IV

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19121]

2[Option ID=19122]

3[Option ID=19123]

4[Option ID=19124]

Sl. No.22

QBID:9162022

Given below are two statements:

- I. The Democratic Peace Theory is based on Kantian Logic.
- II. It argued that the spread of democracy would lead to greater international security.

In the light of the above statements, choose the **most appropriate** answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19125]

2[Option ID=19126]

3[Option ID=19127]

4[Option ID=19128]

Sl. No.23

QBID:9162023

India's initiative to deliver Covid-19 related assistance to the Indian Ocean Littoral states is known as:

1. Mission MAHA Covid-19
2. Mission MAHASAGAR
3. Mission SAGAR
4. Mission SAGAR Manthan

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19129]

2[Option ID=19130]

3[Option ID=19131]

4[Option ID=19132]

Sl. No.24

QBID:9162024

Given below are two statements:

- I. Central Reserve Police Force (CRPF) is state police force
- II. The primary mission of the CRPF is counter-insurgency operations

In the light of the above statements, choose the **correct** answer from the options given below

- 1. Both Statement I and Statement II are true
- 2. Both Statement I and Statement II are false
- 3. Statement I is true but Statement II is false
- 4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19133]

2[Option ID=19134]

3[Option ID=19135]

4[Option ID=19136]

Sl. No.25

QBID:9162025

Given below are two statements:

- I. Sashastra Seema Bal (SSB) was set up in 1963
- II. It is primarily responsible for guarding India's borders with Nepal and Bhutan

In the light of the above statements, choose the **correct** answer from the options given below

- 1. Both Statement I and Statement II are true
- 2. Both Statement I and Statement II are false
- 3. Statement I is true but Statement II is false
- 4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19137]

2[Option ID=19138]

3[Option ID=19139]

4[Option ID=19140]

Sl. No.26

QBID:9162026

The National Disaster Response Force (NDRF) was set up under the Act of

1. The Disaster Management Act 2004
2. The Disaster Management Act 2005
3. The Disaster Management Act 2006
4. The Disaster Management Act 2007

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19141]

2[Option ID=19142]

3[Option ID=19143]

4[Option ID=19144]

Sl. No.27

QBID:9162027

The Joint military exercise, *Khanjar*, is held between

1. India- Kyrgyzstan
2. India-Kazakstan
3. India-Uzbekistan
4. India-Afghanistan

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19145]

2[Option ID=19146]

3[Option ID=19147]

4[Option ID=19148]

Sl. No.28

QBID:9162028

What is true of the Shanghai Cooperation Organisation (SCO)?

- A. The SCO 2022 summit was held in Samarkand, Uzbekistan
- B. SCO is headquartered in Moscow
- C. India joined the SCO in 2017
- D. The SCO 2022 summit was held in New Delhi, India

Choose the correct answer from the options given below:

- 1. A and B only
- 2. B and D only
- 3. A and C only
- 4. A, B and C only

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19149]

2[Option ID=19150]

3[Option ID=19151]

4[Option ID=19152]

Sl. No.29

QBID:9162029

Which of the following is not an observer state in the Shanghai Cooperation Organization?

- 1. Afghanistan
- 2. Belarus
- 3. Mangolia
- 4. Turkey

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19153]

2[Option ID=19154]

3[Option ID=19155]

4[Option ID=19156]

Sl. No.30

QBID:9162030

Given below are two statements:

- I. NATO was established by the Washington Treaty
- II. NATO is based on the principle of collective security

In the light of the above statements, choose the **correct** answer from the options given below

- 1. Both Statement I and Statement II are true
- 2. Both Statement I and Statement II are false
- 3. Statement I is true but Statement II is false
- 4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19157]

2[Option ID=19158]

3[Option ID=19159]

4[Option ID=19160]

Sl. No.31

QBID:9162031

Match List I with List II

List I	List II
A. Ramsar Convention	I. 1971
B. Montreal Convention	II. 1987
C. Nogaya Convention	III. 2010
D. COP-25	IV. 2019

Choose the correct answer from the options given below:

- 1. A-I, B-II, C-III, D-IV
- 2. A-II, B-I, C-III, D-IV
- 3. A-I, B-II, C-IV, D-III
- 4. A-I,B-III, C-II,D-IV

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19161]

2[Option ID=19162]

3[Option ID=19163]

4[Option ID=19164]

Sl. No.32

QBID:9162032

Given below are two statements:

- I. The Chabahar Port is located in the Persian Gulf
- II. The Chabahar Port provides India access to Afghanistan and Central Asia

In the light of the above statements, choose the **correct** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19165]

2[Option ID=19166]

3[Option ID=19167]

4[Option ID=19168]

Sl. No.33

QBID:9162033

Given below are two statements:

1. The Human Security Network was established in 1999
2. The Human Security Network was established by Norway, Canada and Switzerland

In the light of the above statements, choose the **correct** answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19169]

2[Option ID=19170]

3[Option ID=19171]

4[Option ID=19172]

Sl. No.34

QBID:9162034

What is the period of engagement under the new defence recruitment scheme, Agnipath?

1. 03 years
2. 04 years
3. 05 years
4. 06 years

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19173]

2[Option ID=19174]

3[Option ID=19175]

4[Option ID=19176]

Sl. No.35

QBID:9162035

How many new Defence Public Sector Undertakings (DPSUs) have been created from the erstwhile Ordnance Factories (OFs)?

1. 05
2. 07
3. 09
4. 11

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19177]

2[Option ID=19178]

3[Option ID=19179]

4[Option ID=19180]

Sl. No.36

QBID:9162036

Which of the following companies is the lead production agency for Light Combat Aircraft, Tejas?

1. Aeronautical Defence Agency
2. Defence Research and Development Organization
3. Hindustan Aeronautics Ltd
4. Tata Power SED

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19181]

2[Option ID=19182]

3[Option ID=19183]

4[Option ID=19184]

Sl. No.37

QBID:9162037

What type of missile the K-4 belongs to?

1. Submarine launched ballistic missile
2. Surface-to-surface missile
3. Air-to-air missile
4. Air-to-surface missile

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19185]

2[Option ID=19186]

3[Option ID=19187]

4[Option ID=19188]

Sl. No.38

QBID:9162038

Who is the principal military advisor to the defence minister of India?

1. Defence Secretary
2. National Security Advisor
3. Chief of the Army Staff
4. Chief of Defence Staff

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19189]

2[Option ID=19190]

3[Option ID=19191]

4[Option ID=19192]

Sl. No.39

QBID:9162039

US, UK and Australia have formed a defence alliance to counter China in the Indo-Pacific. What is the name of the alliance?

1. AUKUS
2. QUAD
3. IPEF
4. RCEP

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19193]

2[Option ID=19194]

3[Option ID=19195]

4[Option ID=19196]

Sl. No.40

QBID:9162040

Which American president had once cautioned against the negative influence of the military-industrial complex?

1. Barack Obama
2. Franklin D. Roosevelt
3. Dwight D Eisenhower
4. Harry S. Truman

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19197]

2[Option ID=19198]

3[Option ID=19199]

4[Option ID=19200]

Sl. No.41

QBID:9162041

India's official nuclear doctrine was announced in which year

1. 1999
2. 2003
3. 2014
4. 2022

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19201]

2[Option ID=19202]

3[Option ID=19203]

4[Option ID=19204]

Sl. No.42

QBID:9162042

In September 2022, Russia proclaimed annexation of four Ukrainian regions. Which of the following regions is not part of the proclamation?

1. Donetsk

2. Luhansk

3. Kherson

4. Crimea

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19205]

2[Option ID=19206]

3[Option ID=19207]

4[Option ID=19208]

Sl. No.43

QBID:9162043

Which of the following is an air-to-air missile?

1. Akash

2. Agni

3. Prithvi

4. Astra

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19209]

2[Option ID=19210]

3[Option ID=19211]

4[Option ID=19212]

Sl. No.44

QBID:9162044

Which Indian defence minister had once said China was “potential threat no. 1”?

1. Arun Jaitley
2. George Fernandes
3. Nirmala Sitharaman
4. Rajnath Singh

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19213]

2[Option ID=19214]

3[Option ID=19215]

4[Option ID=19216]

Sl. No.45

QBID:9162045

In which year Russia annexed Crimea

1. 2014
2. 2016
3. 2018
4. 2022

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19217]

2[Option ID=19218]

3[Option ID=19219]

4[Option ID=19220]

Sl. No.46

QBID:9162046

How many states India's North Eastern Region comprises of?

1. 06
2. 07
3. 08
4. 09

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19221]
2[Option ID=19222]
3[Option ID=19223]
4[Option ID=19224]

Sl. No.47

QBID:9162047

Which country shares the shortest land border with India?

1. Bhutan
2. Nepal
3. Myanmar
4. Afghanistan

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19225]
2[Option ID=19226]
3[Option ID=19227]
4[Option ID=19228]

Sl. No.48

QBID:9162048

Which of the following is designated as authority responsible for coastal security in India's territorial waters?

1. Indian Coast Guard
2. Indian Navy
3. State Coastal Police
4. Maritime Police

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19229]
2[Option ID=19230]
3[Option ID=19231]
4[Option ID=19232]

Sl. No.49

QBID:9162049

What is the approximate length of India's coastline?

1. 5517
2. 6517
3. 7517
4. 8517

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19233]

2[Option ID=19234]

3[Option ID=19235]

4[Option ID=19236]

Sl. No.50

QBID:9162050

Which Union Territory does not have a legislature?

1. Jammu and Kashmir
2. Ladakh
3. National Capital Territory of Delhi
4. Puducherry

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19237]

2[Option ID=19238]

3[Option ID=19239]

4[Option ID=19240]

Sl. No.51

QBID:9162051

Who heads the Defence Planning Committee?

1. Prime Minister
2. Defence Minister
3. National Security Advisor
4. Defence Secretary

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19241]
2[Option ID=19242]
3[Option ID=19243]
4[Option ID=19244]

Sl. No.52

QBID:9162052

Who had said, "The methods of commerce are displacing military methods"?

1. Samuel P. Huntington
2. Robert D. Blackwill
3. C Raja Mohan
4. Edward Luttwak

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19245]
2[Option ID=19246]
3[Option ID=19247]
4[Option ID=19248]

Sl. No.53

QBID:9162053

Who heads the Department of Defence in India's Ministry of Defence?

1. Chief of the Army Staff
2. Chief of Defence Staff
3. Secretary, Defence Research and Development
4. Defence Secretary

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19249]
2[Option ID=19250]
3[Option ID=19251]
4[Option ID=19252]

Sl. No.54

QBID:9162054

Which prime minister of India had termed Naxalism as the country's biggest internal security threat?

1. Manmohan Singh
2. Atal Vihari Vajpayee
3. Indira Gandhi
4. PV Narasimha Rao

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19253]

2[Option ID=19254]

3[Option ID=19255]

4[Option ID=19256]

Sl. No.55

QBID:9162055

In the theory "sunshine causes photosynthesis, causing grass to grow," photosynthesis is a:

1. Independent variable
2. Dependent variable
3. Condition variable
4. Intervening variable

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19257]

2[Option ID=19258]

3[Option ID=19259]

4[Option ID=19260]

Sl. No.56

QBID:9162056

Gamma range varies between:

1. 0 to 1
2. -1 to +1
3. 0 to -1
4. 1 to 100

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19261]

2[Option ID=19262]

3[Option ID=19263]

4[Option ID=19264]

Sl. No.57

QBID:9162057

A process of sampling in research that specifies that each person in a population has the equal chance of being included in a sample is called:

1. Random Sampling
2. Systematic Sampling
3. Stratified Random Sampling
4. Cluster sampling

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19265]

2[Option ID=19266]

3[Option ID=19267]

4[Option ID=19268]

Sl. No.58

QBID:9162058

If a journal article has a title, "*The relationship between political beliefs and activism in student*", it is likely to be

1. Observational research
2. Correlational research
3. Applied research
4. Longitudinal research

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19269]

2[Option ID=19270]

3[Option ID=19271]

4[Option ID=19272]

Sl. No.59

QBID:9162059

An overview of published journal articles, books and other professional work on a given topic is called:

1. Literature review
2. Introduction
3. Background
4. Conclusion

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19273]

2[Option ID=19274]

3[Option ID=19275]

4[Option ID=19276]

Sl. No.60

QBID:9162060

In which research, the researcher manipulates conditions for some research participants but not others and then compares group responses to see whether doing so made a difference.

1. Experimental research
2. Applied research
3. Longitudinal research
4. Historical Research

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19277]

2[Option ID=19278]

3[Option ID=19279]

4[Option ID=19280]

Sl. No.61

QBID:9162061

In which scales, the intervals are adjusted in terms of some rules that have been established as a basis for making the units equal.

1. Ordinal scale
2. Nominal scale
3. Interval scale
4. Ratio scale

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19281]
2[Option ID=19282]
3[Option ID=19283]
4[Option ID=19284]

Sl. No.62
QBID:9162062

Which of the following methods is associated with library research?

- A. Analysis of historical data
- B. Personal interview
- C. Participant observation
- D. Analysis of documents

Choose the correct answer from the options given below:

- 1. A and B only
- 2. A, B and C only
- 3. A and D only
- 4. A, B and D only

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19285]
2[Option ID=19286]
3[Option ID=19287]
4[Option ID=19288]

Sl. No.63
QBID:9162063

In which year was the Google Scholar launched?

- 1. 2004
- 2. 2005
- 3. 2006
- 4. 2007

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19289]
2[Option ID=19290]
3[Option ID=19291]
4[Option ID=19292]

Sl. No.64
QBID:9162064

Given below are two statements:

Statement I: i 10 index refers to 5 citations of a paper.

Statement II: i 10 was introduced by the Oxford University

In the light of the above statements, choose the correct answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19293]

2[Option ID=19294]

3[Option ID=19295]

4[Option ID=19296]

Sl. No.65

QBID:9162065

What is the full form of DOAJ?

1. Directory of Open Access Journals
2. Directory of Open Advanced Journals
3. Dictionary of Open Access Journal
4. Directorate of Open and Advanced Journals

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19297]

2[Option ID=19298]

3[Option ID=19299]

4[Option ID=19300]

Sl. No.66

QBID:9162066

Which of the following is comprehensively covered under Plagiarism?

1. Text, Data, Images, Idea, Sound and Performance
2. Text and Data
3. Text, Data and Image
4. Text and idea

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19301]
2[Option ID=19302]
3[Option ID=19303]
4[Option ID=19304]

Sl. No.67

QBID:9162067

Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A: All the giraffes that I have seen have very long necks

Reason R: Therefore, I conclude that all giraffes have long neck.

In the light of the above statements, choose the correct answer from the options given below

- 1. Both A and R are true and R is the correct explanation of A
- 2. Both A and R are true but R is NOT the correct explanation of A
- 3. A is true but R is false
- 4. A is false but R is true

- (1) 1
- (2) 2
- (3) 3
- (4) 4

1[Option ID=19305]
2[Option ID=19306]
3[Option ID=19307]
4[Option ID=19308]

Sl. No.68

QBID:9162068

Statement

Statement I: Inductive reasoning aims at developing a theory while deductive reasoning aims at testing existing theory.

Statement II: Inductive reasoning moves from specific observation to broad generalization, and deductive reasoning the other way around.

In the light of the above statements, choose the correct answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19309]

2[Option ID=19310]

3[Option ID=19311]

4[Option ID=19312]

Sl. No.69

QBID:9162069

Find the median of the following

8, 2, 8, 5, 5, 8

1. 5

2. 6

3. 6.5

4. 5.5

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19313]

2[Option ID=19314]

3[Option ID=19315]

4[Option ID=19316]

Sl. No.70

QBID:9162070

As per University Grants Commission (UGC) notification on Promotion of Academic Integrity and Prevention of Plagiarism in Higher Education 2018, which of the following is not true

1. Plagiarism of up to 10%: No penalty
2. Plagiarism of 10-40%: Manuscript revision within 6 months
3. Plagiarism of 40-60 %: Debarred for one year
4. Plagiarism above 60%: Debarred for five year

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19317]

2[Option ID=19318]

3[Option ID=19319]

4[Option ID=19320]

Sl. No.71

QBID:9162071

What is the full form of SJR?

1. Scientific Journal Ranking
2. SCImago Journal Ranking
3. Semantec Journal Ranking
4. SCImago Judicial Ranking

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19321]

2[Option ID=19322]

3[Option ID=19323]

4[Option ID=19324]

Sl. No.72

QBID:9162072

A digital image is defined as a matrix of

1. Whole number
2. Zeroes
3. Digital number
4. Roman number

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19325]

2[Option ID=19326]

3[Option ID=19327]

4[Option ID=19328]

Sl. No.73

QBID:9162073

When research projects on a given topic lead to similar conclusions, the measurements show

1. Convergent validity
2. Criterion validity
3. Interrater validity
4. Construct validity

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19329]

2[Option ID=19330]

3[Option ID=19331]

4[Option ID=19332]

Sl. No.74

QBID:9162074

Given below are two statements:

Statement I: Secondary research involves the study of a subject through first-hand observation and investigation.

Statement II: Secondary research involves the collection of information from existing studies.

In the light of the above statements, choose the correct answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19333]

2[Option ID=19334]

3[Option ID=19335]
4[Option ID=19336]

Sl. No.75

QBID:9162075

A hypothesis differs from a theory in that the former

1. Is testable
2. Is always true
3. Is more speculative
4. Is more comprehensive

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19337]

2[Option ID=19338]

3[Option ID=19339]

4[Option ID=19340]

Sl. No.76

QBID:9162076

Bar diagram is a

1. one-dimensional diagram
2. two-dimensional diagram
3. three-dimensional diagram
4. diagram with no dimension

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19341]

2[Option ID=19342]

3[Option ID=19343]

4[Option ID=19344]

Sl. No.77

QBID:9162077

The other name of pie diagram is:

1. Circular diagram
2. Bar diagram
3. Histogram
4. Polygon

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19345]

2[Option ID=19346]

3[Option ID=19347]

4[Option ID=19348]

Sl. No.78

QBID:9162078

Which of the following is not a measure of central tendency?

1. Mean
2. Median
3. Mode
4. Standard deviation

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19349]

2[Option ID=19350]

3[Option ID=19351]

4[Option ID=19352]

Sl. No.79

QBID:9162079

Which of the following is a merit of Arithmetic Mean?

- A. It is based on all items of the series
- B. It is capable of further algebraic treatment
- C. It is a stable measure of central tendency
- D. It is free from the effect of extreme values of the series

Choose the correct answer from the options given below:

1. A, B and C only
2. A, B and D only
3. B, C and D only
4. C and D only

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19353]

2[Option ID=19354]

3[Option ID=19355]
4[Option ID=19356]

Sl. No.80
QBID:9162080

Which of the following is not a merit of Mode?

1. It is less affected by marginal values in the series
2. It is determined only by the value with the highest frequencies
3. It can be located graphically, with the help of histogram
4. It is capable of further algebraic treatment

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19357]
2[Option ID=19358]
3[Option ID=19359]
4[Option ID=19360]

Sl. No.81
QBID:9162081

Who formulated the idea of the hypothetico- deductive method?

1. Karl Popper
2. Auguste Comte
3. Karl Marx
4. David Hume

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19361]
2[Option ID=19362]
3[Option ID=19363]
4[Option ID=19364]

Sl. No.82
QBID:9162082

The point data feature can be used to represent:

1. Location
2. Area
3. Road
4. Railway Line

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19365]

2[Option ID=19366]

3[Option ID=19367]

4[Option ID=19368]

Sl. No.83

QBID:9162083

Which of the following survey methods is mostly used for Opinion Poll?

1. Random sampling
2. Purposive sampling
3. Stratified sampling
4. Systematic sampling

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19369]

2[Option ID=19370]

3[Option ID=19371]

4[Option ID=19372]

Sl. No.84

QBID:9162084

What is the standard deviation of the following data?

10, 12, 14, 16, 18, 22, 24, 26, 28

1. 6.05
2. 7.05
3. 8.02
4. 6.5

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19373]

2[Option ID=19374]

3[Option ID=19375]

4[Option ID=19376]

Sl. No.85

QBID:9162085

Which of the following measures of central tendency is not capable for further algebraic treatment?

- (A) Mean
- (B) Median
- (C) Mode
- (D) Standard deviation

Choose the correct answer from the options given below:

1. B, C and D only
2. A, B and C only
3. A, B and D only
4. C and D only

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19377]

2[Option ID=19378]

3[Option ID=19379]

4[Option ID=19380]

Sl. No.86

QBID:9162086

Given below are two statements:

Statement I: In probability samples, all people within the research population have a specifiable chance of being selected.

Statement II: Only within random samples do participants have an equal chance of being selected.

In the light of the above statements, choose the correct answer from the options given below

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is true but Statement II is false
4. Statement I is false but Statement II is true

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19381]

2[Option ID=19382]

3[Option ID=19383]
4[Option ID=19384]

Sl. No.87

QBID:9162087

Which of the following is not true of non-probability sampling?

1. Every individual has a known and equal chance of being selected
2. Sampling frame is not developed
3. Non-parametric tests are preferred
4. No probability is associated with an individual being selected

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19385]

2[Option ID=19386]

3[Option ID=19387]

4[Option ID=19388]

Sl. No.88

QBID:9162088

If in a research project everybody in the population of interest gets an equal chance of being included, the research involves:

1. Quota sampling
2. Judgmental sampling
3. Probability sampling
4. Convenience sampling

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19389]

2[Option ID=19390]

3[Option ID=19391]

4[Option ID=19392]

Sl. No.89

QBID:9162089

From a large population, if a small list of participants is prepared based on every 5th name in the population list, the sampling is called:

1. Simple random sampling
2. Systematic sampling
3. Quota sampling
4. Cluster sampling

- (1) 1
(2) 2
(3) 3
(4) 4

1[Option ID=19393]
2[Option ID=19394]
3[Option ID=19395]
4[Option ID=19396]

Sl. No.90
QBID:9162090

Which of the following helps in digitally creating design simulation of real-world goods/products in 2D & 3D models.

1. DBMS
2. Computer Assisted Design (CAD)
3. Artificial Intelligence
4. Radio Fraction method

- (1) 1
(2) 2
(3) 3
(4) 4

1[Option ID=19397]
2[Option ID=19398]
3[Option ID=19399]
4[Option ID=19400]

Sl. No.91
QBID:9162091

Which of the following terms denote the use of computers to create and depict digital representations of the earth surface?

1. GIS
2. GPS
3. GPRS
4. DBMS

- (1) 1
(2) 2

(3) 3

(4) 4

1[Option ID=19401]

2[Option ID=19402]

3[Option ID=19403]

4[Option ID=19404]

Sl. No.92

QBID:9162092

Researchers test the strength of a theory by observing at what point it breaks down. This activity is related to:

1. Control
2. Explanation
3. Falsification
4. Proof

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19405]

2[Option ID=19406]

3[Option ID=19407]

4[Option ID=19408]

Sl. No.93

QBID:9162093

When a researcher repeats an earlier experiment but includes some novel elements, the process is called:

1. Replication with extension
2. Assessment of validity
3. Conceptual replication
4. Construct validity

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19409]

2[Option ID=19410]

3[Option ID=19411]

4[Option ID=19412]

Sl. No.94

QBID:9162094

When scholars develop their ideas for research projects, which of the following is generally the source of their ideas:

1. Colleagues in different department within their own institutions
2. Colleagues in their own department
3. The existing research literature
4. Discussions within their research teams

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19413]

2[Option ID=19414]

3[Option ID=19415]

4[Option ID=19416]

Sl. No.95

QBID:9162095

The process by which research articles are published in reputed journals after evaluation by experts is called:

1. Construct validity
2. Peer review
3. The literature review
4. Conceptual review

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19417]

2[Option ID=19418]

3[Option ID=19419]

4[Option ID=19420]

Sl. No.96

QBID:9162096

If someone drew a conclusion about some topic based on opinion and prior beliefs, others can claim that such a conclusion was not scientific because it was not:

1. Objective
2. Intuitive
3. Data driven
4. Predictive

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19421]

2[Option ID=19422]

3[Option ID=19423]

4[Option ID=19424]

Sl. No.97

QBID:9162097

“The Logic of Scientific Discovery” is written by

1. T. S. Kuhn
2. Karl Popper
3. P. Feyerabend
4. M. Thompson

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19425]

2[Option ID=19426]

3[Option ID=19427]

4[Option ID=19428]

Sl. No.98

QBID:9162098

Who revealed that scientific research cannot be separated from human influences and is subject to social norms.

1. Jacques Derrida
2. Michel Foucault
3. Thomas Kuhn
4. Max Weber

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19429]

2[Option ID=19430]

3[Option ID=19431]

4[Option ID=19432]

Sl. No.99

QBID:9162099

The overarching hypothesis that frames the relationship between a theory's independent and dependent variables is called

1. Explanatory hypothesis
2. Prime hypothesis
3. Test hypothesis
4. Null hypothesis

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19433]

2[Option ID=19434]

3[Option ID=19435]

4[Option ID=19436]

Sl. No.100

QBID:9162100

Calculate quartile deviation of the following observations:

20, 25, 29, 30, 35, 39, 41, 48, 51, 60 and 70

1. 11

2. 12

3. 20

4. 25

(1) 1

(2) 2

(3) 3

(4) 4

1[Option ID=19437]

2[Option ID=19438]

3[Option ID=19439]

4[Option ID=19440]