

# JNUEE PHD National Security Studies

**1) Which of the following features may be considered critical in a qualitative research paradigm?**

**[Question ID = 32886][Question Description = Ph.D.NSSH\_Q\_001]**

1. Data collection with bottom-up empirical evidences [Option ID = 198488]
2. Data analysis [Option ID = 198489]
3. Sampling design [Option ID = 198490]
4. Preparing questionnaire [Option ID = 198491]

**2) In which type of research the findings cannot be generalized to other situations?[Question ID = 32887][Question Description = Ph.D.NSSH\_Q\_002]**

1. Historical Research [Option ID = 198492]
2. Descriptive Research [Option ID = 198493]
3. Experimental Research [Option ID = 198494]
4. Causal Comparative Research [Option ID = 198495]

**3) Select the steps required to frame a questionnaire from the below:**

- A. Preparation of a draft questionnaire
- B. Review of the available literature
- C. Write the objectives of the study
- D. Revision of the draft

**[Question ID = 30878][Question Description = Ph.D.NSSH\_Q\_003]**

1. A, B and C only [Option ID = 198496]
2. A, C and D only [Option ID = 198497]
3. B, C and D only [Option ID = 198498]
4. A, B, C and D only [Option ID = 198499]

**4) For a social science research, it is better to:[Question ID = 30879][Question Description = Ph.D.NSSH\_Q\_004]**

1. approach the topic with an open mind [Option ID = 198500]
2. be familiar with available literature on the subject [Option ID = 198501]
3. do an empirical study only [Option ID = 198502]
4. use secondary sources only [Option ID = 198503]

**5) The figures and tables are included in a thesis:[Question ID = 30880][Question Description = Ph.D.NSSH\_Q\_005]**

1. as separate chapter [Option ID = 198504]
2. as footnotes [Option ID = 198505]
3. in the text itself [Option ID = 198506]
4. in bibliography [Option ID = 198507]

**6) The concept of *paradigm shift* is associated with:**

**[Question ID = 30881][Question Description = Ph.D.NSSH\_Q\_006]**

1. Karl Marx  
[Option ID = 198508]
2. Thomas Kuhn  
[Option ID = 198509]
3. Max Weber  
[Option ID = 198510]
4. August Comte  
[Option ID = 198511]

**7) Research ethics means:[Question ID = 30882][Question Description = Ph.D.NSSH\_Q\_007]**

1. publishing the same research paper in many journals [Option ID = 198512]
2. acknowledging the contributions of other people in the relevant field [Option ID = 198513]
3. Copy and paste other's important works as required for the research paper [Option ID = 198514]
4. Including a colleague as an author on a research paper in return for a favour without his serious research contribution on the paper [Option ID = 198515]

**8) In selection of a research problem, the most important factor is:[Question ID = 30883][Question Description = Ph.D.NSSH\_Q\_008]**

1. social relevance [Option ID = 198516]
2. financial support available [Option ID = 198517]
3. researcher's interest [Option ID = 198518]
4. availability of enough literature [Option ID = 198519]

**9) Select the correct statement from the below:[Question ID = 30884][Question Description = Ph.D.NSSH\_Q\_009]**

1. researches lead to invention [Option ID = 198520]

2. researches are not important for inventions [Option ID = 198521]
3. Invention and research are just opposite [Option ID = 198522]
4. All of the above [Option ID = 198523]

10) Match List I with List II

List I	List II
(Research Methods)	(Data Collection Tools)
A.Experimental method	I.Using primary and secondary sources
B.Ex post-facto method	II.Questionnaire
C.Descriptive survey method	III.Standardized tests
D.Historical method	IV.Typical characteristic tests

Choose the correct answer from the options given below:

[Question ID = 30885][Question Description = Ph.D.NSSH\_Q\_010]

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

[Option ID = 198524]

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

[Option ID = 198525]

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

[Option ID = 198526]

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

[Option ID = 198527]

11) A belief becomes a scientific truth when it:[Question ID = 30886][Question Description = Ph.D.NSSH\_Q\_011]

1. is accepted by many people [Option ID = 198528]
2. is arrived by using secondary sources [Option ID = 198529]
3. can be replicated [Option ID = 198530]
4. is established philosophically [Option ID = 198531]

12) A theory would be correct because[Question ID = 30887][Question Description = Ph.D.NSSH\_Q\_012]

1. the propounder has written a big volume to establish its credentials [Option ID = 198532]
2. its derivations match with most observations [Option ID = 198533]
3. a large number of followers accept it [Option ID = 198534]
4. a large number of scholars supported the idea [Option ID = 198535]

13) Match List I with List II

List I	List II
(Authors )	(Books)
A. Thomas Kuhn	I. The Logic of Scientific Discovery
B. Karl Popper	II. The Structure of Scientific Revolution
C. E. Kant	III. Ideas and Opinions
D. A. Einstein	IV. Critique of Pure Reason

Choose the correct answer from the options given below:

[Question ID = 30888][Question Description = Ph.D.NSSH\_Q\_013]

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

[Option ID = 198536]

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

[Option ID = 198537]

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

[Option ID = 198538]

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

[Option ID = 198539]

14) The two main approaches of a research are:

[Question ID = 30889][Question Description = Ph.D.NSSH\_Q\_014]

1. Data collection and data analysis

[Option ID = 198540]

2. Surveys and questionnaires

[Option ID = 198541]

3. Sampling and data collection

[Option ID = 198542]

4. Qualitative and quantitative

[Option ID = 198543]

**15) Which of the following countries participated in the G7 summit of 2021 as a guest country?**

[Question ID = 30890][Question Description = Ph.D.NSSH\_Q\_015]

1. US

[Option ID = 198544]

2. Australia

[Option ID = 198545]

3. UK

[Option ID = 198546]

4. France

[Option ID = 198547]

**16) According to the SIPRI Military Expenditure Database, which of the following countries has the highest defence expenditure when measured as a percentage of gross domestic product (GDP) in 2020?**

[Question ID = 30891][Question Description = Ph.D.NSSH\_Q\_016]

1. Pakistan [Option ID = 198548]

2. China [Option ID = 198549]

3. India [Option ID = 198550]

4. Bangladesh [Option ID = 198551]

**17) The Galwan crisis of 2020 is concerned with which two countries?[Question ID = 30892][Question Description = Ph.D.NSSH\_Q\_017]**

1. India-Pakistan [Option ID = 198552]

2. India-China [Option ID = 198553]

3. Nepal-China [Option ID = 198554]

4. Bhutan-China [Option ID = 198555]

**18) Which country shares the longest land boundary with India?[Question ID = 30893][Question Description = Ph.D.NSSH\_Q\_018]**

1. China [Option ID = 198556]

2. Bangladesh [Option ID = 198557]

3. Pakistan [Option ID = 198558]

4. Myanmar [Option ID = 198559]

**19) Which Union Territory has its legislature and Council of Ministers?[Question ID = 30894][Question Description = Ph.D.NSSH\_Q\_019]**

1. Ladakh [Option ID = 198560]

2. Chandigarh [Option ID = 198561]

3. Andaman and Nicobar Islands [Option ID = 198562]

4. Puducherry [Option ID = 198563]

**20) Identify the correct chronological sequence of the following National Security Advisors of India and choose the appropriate code.**

[Question ID = 30895][Question Description = Ph.D.NSSH\_Q\_020]

1. J. N. Dixit - M. K. Narayanan - Shivshankar Menon - Ajit Doval [Option ID = 198564]

2. M. K. Narayanan - J. N. Dixit - Shivshankar Menon - Ajit Doval [Option ID = 198565]

3. J. N. Dixit - Shivshankar Menon - M. K. Narayanan - Ajit Doval [Option ID = 198566]

4. J. N. Dixit - M. K. Narayanan - Ajit Doval - Shivshankar Menon [Option ID = 198567]

**21) Who had said, “War is too important to be left to the generals”?[Question ID = 30896][Question Description = Ph.D.NSSH\_Q\_021]**

1. Georges Clemenceau [Option ID = 198568]

2. Sun Tzu [Option ID = 198569]

3. Chanakya [Option ID = 198570]

4. Ronald Reagan [Option ID = 198571]

**22) In which year was the treaty on the Non-Proliferation of Nuclear Weapons (NPT) extended indefinitely?**

[Question ID = 30897][Question Description = Ph.D.NSSH\_Q\_022]

1. 1990 [Option ID = 198572]
2. 1995 [Option ID = 198573]
3. 2000 [Option ID = 198574]
4. 2005 [Option ID = 198575]

**23) Which of the following shipyards is constructing India’s indigenous aircraft carrier?**[Question ID = 30898][Question Description = Ph.D.NSSH\_Q\_023]

1. Goa Shipyard Ltd [Option ID = 198576]
2. Cochin Shipyard Ltd [Option ID = 198577]
3. Hindustan Shipyard Ltd [Option ID = 198578]
4. Mazagon Dock Shipbuilders Ltd [Option ID = 198579]

**24) Who heads the Strategic Policy Group?**[Question ID = 30899][Question Description = Ph.D.NSSH\_Q\_024]

1. National Security Advisor [Option ID = 198580]
2. Cabinet Secretary [Option ID = 198581]
3. Chief of Defence Staff [Option ID = 198582]
4. Defence Secretary [Option ID = 198583]

**25) What is the cap on foreign direct investment (FDI) in defence industry under automatic route?**[Question ID = 30900][Question Description = Ph.D.NSSH\_Q\_025]

1. 26% [Option ID = 198584]
2. 49% [Option ID = 198585]
3. 74% [Option ID = 198586]
4. 100% [Option ID = 198587]

**26) Which of the following is not true of quantitative methods of inquiry?**

**[Question ID = 30901][Question Description = Ph.D.NSSH\_Q\_026]**

1. Quantitative methods are always deductive  
[Option ID = 198588]
2. Quantitative data focus on numbers and categories  
[Option ID = 198589]
3. A principal aspect of quantitative methods is “control”  
[Option ID = 198590]
4. Quantitative methods are driven by explanation of relationships  
[Option ID = 198591]

**27) Data analysis that examines a series of previous studies is referred to as:**

**[Question ID = 30902][Question Description = Ph.D.NSSH\_Q\_027]**

1. Primary  
[Option ID = 198592]
2. Secondary  
[Option ID = 198593]
3. Tertiary  
[Option ID = 198594]
4. Quadrophonic  
[Option ID = 198595]

**28) Match List I with List II**

List I	List II
(ISRO Centres)	(States)
A. Vikram Sarabhai Space Centre (VSSC)	I. Kerala
B. National Remote Sensing Centre (NRSC)	II. Telangana
C. Indian Institute of Remote Sensing (IIRS)	III. Uttarakhand
D. Satish Dhawan Space Centre (SDSC)	IV. Andhra Pradesh

Choose the **correct** answer from the options given below:

**[Question ID = 30903][Question Description = Ph.D.NSSH\_Q\_028]**

1. A - IV, B -III , C -I , D -II  
[Option ID = 198596]
2. A - I, B -II , C -III , D - IV  
[Option ID = 198597]
3. A -IV , B -III , C - II, D - I  
[Option ID = 198598]
4. A - II, B -I , C -III , D - IV

**29) Which of the following is not a type of validity?**[Question ID = 30904][Question Description = Ph.D.NSSH\_Q\_029]

1. Face and content validity [Option ID = 198600]
2. Concurrent and predictive validity [Option ID = 198601]
3. Focal-point validity [Option ID = 198602]
4. Construct validity [Option ID = 198603]

**30) Which of the following is most closely related to Ethnographic analysis?**[Question ID = 30905][Question Description = Ph.D.NSSH\_Q\_030]

1. In-depth interviews [Option ID = 198604]
2. Unobtrusive observation [Option ID = 198605]
3. Participant observation [Option ID = 198606]
4. Quasi-experimental analysis [Option ID = 198607]

**31) Which of the following electromagnetic radiation (EMR) used in remote sensing has the highest wavelength?**

**[Question ID = 30906][Question Description = Ph.D.NSSH\_Q\_031]**

1. Yellow [Option ID = 198608]
2. Red [Option ID = 198609]
3. Blue [Option ID = 198610]
4. Infra-Red [Option ID = 198611]

**32) Which of following is not a primary colour?**[Question ID = 30907][Question Description = Ph.D.NSSH\_Q\_032]

1. White [Option ID = 198612]
2. Blue [Option ID = 198613]
3. Green [Option ID = 198614]
4. Red [Option ID = 198615]

**33) Which of the following is a non-probability sampling?**[Question ID = 30908][Question Description = Ph.D.NSSH\_Q\_033]

1. Random sampling [Option ID = 198616]
2. Snow ball sampling [Option ID = 198617]
3. Cluster sampling [Option ID = 198618]
4. Stratified sampling [Option ID = 198619]

**34) Which of the following sampling methods is a probability method?**[Question ID = 30909][Question Description = Ph.D.NSSH\_Q\_034]

1. Simple random sampling [Option ID = 198620]
2. Judgement sampling [Option ID = 198621]
3. Quota sampling [Option ID = 198622]
4. Convenience sampling [Option ID = 198623]

**35) Given below are two statements:**

**Statement I:**Research refers to a series of systematic activity or activities undertaken to find out the solution of a problem.

**Statement II:**It is a systematic, logical and an unbiased process wherein verification of hypothesis, data analysis, interpretation and formation of principles can be done.

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

**[Question ID = 30910][Question Description = Ph.D.NSSH\_Q\_035]**

1. Both Statement I and Statement II are true  
[Option ID = 198624]
2. Both Statement I and Statement II are false  
[Option ID = 198625]
3. Statement I is true but Statement II is false  
[Option ID = 198626]
4. Statement I is false but Statement II is true  
[Option ID = 198627]

**36) In the hypothesis “Sunshine makes grass grow, but only if we also get some rainfall,” the amount of rainfall is a:**

**[Question ID = 30911][Question Description = Ph.D.NSSH\_Q\_036]**

1. Dependent variable [Option ID = 198628]
2. Independent variable [Option ID = 198629]
3. Intervening variable [Option ID = 198630]
4. Conditional variable [Option ID = 198631]

**37) Which of the following statements are not correct regarding geostationary satellites?**[Question ID = 30912][Question

**Description = Ph.D.NSSH\_Q\_037]**

1. The geostationary satellites are located at very high altitude [Option ID = 198632]
2. They are used for weather monitoring and communication [Option ID = 198633]
3. They revolve at speed which matches the rotation of the earth (24 hours) [Option ID = 198634]
4. They travel from north to south on the sunlit side of the earth [Option ID = 198635]

**38) What is Swath?[Question ID = 30913][Question Description = Ph.D.NSSH\_Q\_038]**

1. Satellite ground track [Option ID = 198636]
2. Satellite direction [Option ID = 198637]
3. Area sensed by a satellite in one pass [Option ID = 198638]
4. New area on each consecutive pass [Option ID = 198639]

**39) Given below are two statements, one is labelled as Assertion A and the other is labelled as**

**Reason R**

**Assertion A :A vector-based GIS is defined by the vectorial representation of its geographic data.**

**Reason R : The vector data model uses the geometric objects of point, line and polygon to represent spatial features.**

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

**[Question ID = 30914][Question Description = Ph.D.NSSH\_Q\_039]**

1. Both A and R are true and R is the correct explanation of A  
[Option ID = 198640]
2. Both A and R are true but R is NOT the correct explanation of A  
[Option ID = 198641]
3. A is true but R is false  
[Option ID = 198642]
4. A is false but R is true  
[Option ID = 198643]

**40) Which of the following do not create problems in the Satellite Remote Sensing data?**

**A.Land cover**

**B.Cloud cover**

**C.Water cover**

**D.Vegetation cover**

**Choose the *correct* answer from the options given below:**

**[Question ID = 30915][Question Description = Ph.D.NSSH\_Q\_040]**

1. A, B and C Only [Option ID = 198644]
2. B, C and D Only [Option ID = 198645]
3. A, C, and D Only [Option ID = 198646]
4. A, B, and D Only [Option ID = 198647]

**41) Find out the range from the following data:**

**6, 12, 30, 24, 45, 52, 40**

**[Question ID = 30916][Question Description = Ph.D.NSSH\_Q\_041]**

1. 45 [Option ID = 198648]
2. 46 [Option ID = 198649]
3. 30 [Option ID = 198650]
4. 52 [Option ID = 198651]

**42) Which of the following is not related to inductive approach? [Question ID = 30917][Question Description = Ph.D.NSSH\_Q\_042]**

1. Particular to General [Option ID = 198652]
2. Concrete to Abstract [Option ID = 198653]
3. Unknown to Known [Option ID = 198654]
4. Simple to Complex [Option ID = 198655]

**43) Given below are two statements**

**Statement I:** Ethnographic research refers to the investigation of a culture through an in-depth study of the members of the culture.

**Statement II:** The purpose of ethnographic research is to attempt to understand what is happening naturally in the setting and to interpret the data gathered to see what implications could be formed from the data.

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

**[Question ID = 30918][Question Description = Ph.D.NSSH\_Q\_043]**

- Both Statement I and Statement II are correct  
[Option ID = 198656]
- Both Statement I and Statement II are incorrect  
[Option ID = 198657]
- Statement I is correct but Statement II is incorrect  
[Option ID = 198658]
- Statement I is incorrect but Statement II is correct  
[Option ID = 198659]

**44) Given below are two statements**

**Statement I:**Qualitative research is research dealing with phenomena that are difficult or impossible to quantify mathematically, such as belief, trust, attributes, and symbols.

**Statement II:**Qualitative research refers to the systematic empirical investigation of any phenomena through statistical, mathematical or computational techniques.

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

**[Question ID = 30919][Question Description = Ph.D.NSSH\_Q\_044]**

- Both Statement I and Statement II are true  
[Option ID = 198660]
- Both Statement I and Statement II are false  
[Option ID = 198661]
- Statement I is true but Statement II is false  
[Option ID = 198662]
- Statement I is false but Statement II is true  
[Option ID = 198663]

**45) In the context of writing a bibliography, APA is related to:[Question ID = 30920][Question Description = Ph.D.NSSH\_Q\_045]**

- Referencing [Option ID = 198664]
- Formatting [Option ID = 198665]
- Printing [Option ID = 198666]
- Binding [Option ID = 198667]

**46) The criteria for accepting or rejecting the null hypothesis do not depend on:[Question ID = 30921][Question Description = Ph.D.NSSH\_Q\_046]**

- Level of significance [Option ID = 198668]
- Degree of freedom [Option ID = 198669]
- Distribution of data [Option ID = 198670]
- One or two tailed tests [Option ID = 198671]

**47) In which of the following curves, frequencies tend to increase gradually, followed by the tendency to stabilise and finally the tendency to decline?**

**[Question ID = 30922][Question Description = Ph.D.NSSH\_Q\_047]**

- Normal curve [Option ID = 198672]
- Positive curve [Option ID = 198673]
- Negative curve [Option ID = 198674]
- U-shaped curve [Option ID = 198675]

**48) Who is the first Indian Prime Minister to visit China after the 1962 border war?[Question ID = 30923][Question Description = Ph.D.NSSH\_Q\_048]**

- Indira Gandhi [Option ID = 198676]
- Rajiv Gandhi [Option ID = 198677]
- Atal Bihari Vajpayee [Option ID = 198678]
- Narendra Modi [Option ID = 198679]

49) India is not a member of which international export control regime?

[Question ID = 30924][Question Description = Ph.D.NSSH\_Q\_049]

1. Nuclear Suppliers Group (NSG)

[Option ID = 198680]

2. Australia Group (AG)

[Option ID = 198681]

3. Missile Technology Control Regime (MTCR)

[Option ID = 198682]

4. Wassenaar Arrangement (WA)

[Option ID = 198683]

50) Given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R

**Assertion A :**The US has emerged as a big arms supplier to India in recent years.

**Reason R :** The defence procurement procedures of the Indian Ministry of Defence has created a special provision for procurement from the US.

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

[Question ID = 30925][Question Description = Ph.D.NSSH\_Q\_050]

1. Both A and R are true and R is the correct explanation of A

[Option ID = 198684]

2. Both A and R are true but R is NOT the correct explanation of A

[Option ID = 198685]

3. A is true but R is false

[Option ID = 198686]

4. A is false but R is true

[Option ID = 198687]

51) Which one of the following is not a Category A Bioterrorism agent as per the Centre for Disease Control (CDC), USA?

[Question ID = 30926][Question Description = Ph.D.NSSH\_Q\_051]

1. Bacillus anthracis

[Option ID = 198688]

2. Clostridium botulinum toxin

[Option ID = 198689]

3. Yersinia pestis

[Option ID = 198690]

4. Escherichia coli

[Option ID = 198691]

52) Which of the following agents is considered a Chemical weapon?[Question ID = 30927][Question Description = Ph.D.NSSH\_Q\_052]

1. Sodium Chloride [Option ID = 198692]

2. Sarin Gas [Option ID = 198693]

3. Methane Gas [Option ID = 198694]

4. Nitrogen gas [Option ID = 198695]

53) Atomic bomb explosions rely on the principle of:

[Question ID = 30928][Question Description = Ph.D.NSSH\_Q\_053]

1. Nuclear Fusion

[Option ID = 198696]

2. Nuclear Fission

[Option ID = 198697]

3. Nuclear Diffusion

[Option ID = 198698]

4. Deuterium

[Option ID = 198699]

54) What is the name of the third generation fire and forget class anti-tank guided missile (ATGM) system mounted on the Advanced Light Helicopter (ALH) and developed by DRDO?

[Question ID = 30929][Question Description = Ph.D.NSSH\_Q\_054]

1. HELINA [Option ID = 198700]

2. Quick Reaction Surface-to-Air Missile [Option ID = 198701]

3. ADTCR [Option ID = 198702]

4. Smart Anti-Airfield Weapon [Option ID = 198703]

**55) Who is the current Secretary, Department of Defence R&D and Chairman, Defence Research and Development Organisation (DRDO)?**

**[Question ID = 30930][Question Description = Ph.D.NSSH\_Q\_055]**

1. Dr Ajay Kumar [Option ID = 198704]
2. Dr Tessy Thomas [Option ID = 198705]
3. Dr. K Vijay Raghavan [Option ID = 198706]
4. Dr G Satheesh Reddy [Option ID = 198707]

**56) National Mission on Quantum Technologies & Applications announced in the Budget 2020-21 is being implemented by:**

**[Question ID = 30931][Question Description = Ph.D.NSSH\_Q\_056]**

1. Defence Research and Development Organisation

[Option ID = 198708]

2. Department of Science and Technology

[Option ID = 198709]

3. Department of Biotechnology

[Option ID = 198710]

4. Ministry of Health and Family welfare

[Option ID = 198711]

**57) In which of the following years was the Weapon of Mass Destruction and their Delivery Systems (Prohibition of Unlawful Activities) Act passed by Indian Parliament?**

**[Question ID = 30932][Question Description = Ph.D.NSSH\_Q\_057]**

1. 2003 [Option ID = 198712]
2. 2004 [Option ID = 198713]
3. 2005 [Option ID = 198714]
4. 2006 [Option ID = 198715]

**58) Who first coined the term Artificial Intelligence?[Question ID = 30933][Question Description = Ph.D.NSSH\_Q\_058]**

1. John McCarthy [Option ID = 198716]
2. Charles Babbage [Option ID = 198717]
3. Mark Zuckerberg [Option ID = 198718]
4. Jack Dorsey [Option ID = 198719]

**59) What is the full form of COVID-19?[Question ID = 30934][Question Description = Ph.D.NSSH\_Q\_059]**

1. Coronavirus Infecting Disease-2019 [Option ID = 198720]
2. Comorbidity Virus Disease-2019 [Option ID = 198721]
3. Coronavirus Disease- 2019 [Option ID = 198722]
4. Colitis Virus Disease-2019 [Option ID = 198723]

**60) What is the name of the commercial and marketing arm of Indian Space and Research Organisation (ISRO) engaged in providing Space products and services to international customers?**

**[Question ID = 35109][Question Description = Ph.D.NSSH\_Q\_060]**

1. Antrix Corporation Limited [Option ID = 198724]
2. Vyom Corporation Limited [Option ID = 198725]
3. Akash Corporation Limited [Option ID = 198726]
4. Brahmos India Limited [Option ID = 198727]

**61)**

As per United Nation's ITU Global Cybersecurity Agenda-2021, Match the global cybersecurity ranking of the following countries?

List I	List II
Country	Rank
A. United Kingdom	I. 10
B. Pakistan	II. 2
C. China	III. 79
D. India	IV. 33

Choose the **correct** answer from the options given below:

**[Question ID = 35110][Question Description = Ph.D.NSSH\_Q\_061]**

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

[Option ID = 198728]

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

[Option ID = 198729]

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

[Option ID = 198730]

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

[Option ID = 198731]

**62) Who is currently in-charge of Department of Atomic Energy and Department of Space?[Question ID = 35111][Question Description = Ph.D.NSSH\_Q\_062]**

1. Sh. Rajnath Singh [Option ID = 198732]

2. Sh. Amit Shah [Option ID = 198733]

3. Sh. G Kishan Reddy [Option ID = 198734]

4. Sh. Narendra Modi [Option ID = 198735]

**63) Given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R**

**Assertion A:** Indian defence industry is dominated by the public sector units.

**Reason R:** The Indian private sector is not allowed in defence production

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

**[Question ID = 35112][Question Description = Ph.D.NSSH\_Q\_063]**

1. Both A and R are true

[Option ID = 198736]

2. A is true but R is false

[Option ID = 198737]

3. A is false and R is true

[Option ID = 198738]

4. Both A and R are true and R is the correct explanation of A

[Option ID = 198739]

**64) Given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R**

**Assertion A :** India has become world's third largest military spender.

**Reason R :** The unresolved border disputes with Pakistan and China has forced India to maintain a large manpower-intensive defence force.

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

**[Question ID = 35113][Question Description = Ph.D.NSSH\_Q\_064]**

1. Both A and R are true

[Option ID = 198740]

2. Both A and R are true and R is the correct explanation of A

[Option ID = 198741]

3. A is true but R is false

[Option ID = 198742]

4. A is false but R is true

[Option ID = 198743]

**65) Calculate the average of the following discrete series.**

Size	30	29	28	27	26	25	24	23	22	21
Frequency (f)	2	4	5	3	2	7	1	4	5	7

**[Question ID = 35114][Question Description = Ph.D.NSSH\_Q\_065]**

1. 25.625

[Option ID = 198744]

2. 26.775

[Option ID = 198745]

3. 24.925

[Option ID = 198746]

4. 25.775

[Option ID = 198747]

**66) The most suitable average for qualitative measurement is:**

**[Question ID = 35115][Question Description = Ph.D.NSSH\_Q\_066]**

1. Arithmetic Mean

[Option ID = 198748]

2. Median

[Option ID = 198749]

3. Mode

[Option ID = 198750]

4. Standard Deviation

[Option ID = 198751]

**67) The algebraic sum of deviations of a set of n values from Arithmetic Mean is:**

**[Question ID = 35116][Question Description = Ph.D.NSSH\_Q\_067]**

1. n

[Option ID = 198752]

2. 0

[Option ID = 198753]

3. 1

[Option ID = 198754]

4. 10

[Option ID = 198755]

**68) Median divides a series into how many parts?[Question ID = 35117][Question Description = Ph.D.NSSH\_Q\_068]**

1. Two [Option ID = 198756]

2. Three [Option ID = 198757]

3. Four [Option ID = 198758]

4. Five [Option ID = 198759]

**69) What is the relationship between mode (Z), median (M) and mean (X)?[Question ID = 35118][Question Description = Ph.D.NSSH\_Q\_069]**

1.  $Z = 3M + 2X$  [Option ID = 198760]

2.  $Z = 3M - 2X$  [Option ID = 198761]

3.  $M = 3Z - 2X$  [Option ID = 198762]

4.  $M = 3Z + 2X$  [Option ID = 198763]

**70) Dividing a series into ten equal parts is called:[Question ID = 35119][Question Description = Ph.D.NSSH\_Q\_070]**

1. Decile [Option ID = 198764]

2. Quartile [Option ID = 198765]

3. Percentile [Option ID = 198766]

4. Quantile [Option ID = 198767]

**71) If sum of the squares of the items = 2430, arithmetic mean= 7, and number of items= 12, what is the coefficient of variation?**

**[Question ID = 35120][Question Description = Ph.D.NSSH\_Q\_071]**

1. 188

[Option ID = 198768]

2. 146

[Option ID = 198769]

3. 177

[Option ID = 198770]

4. 197

[Option ID = 198771]

**72) Mean deviation can be calculated by using:[Question ID = 35121][Question Description = Ph.D.NSSH\_Q\_072]**

1. Mean [Option ID = 198772]

2. Median [Option ID = 198773]

3. Mode [Option ID = 198774]

4. All of these [Option ID = 198775]

**73) The square root of the arithmetic mean of the squares of deviations of the items from their mean value is known as:**

**[Question ID = 35122][Question Description = Ph.D.NSSH\_Q\_073]**

1. Coefficient of Mean Deviation

[Option ID = 198776]

2. Standard Deviation

[Option ID = 198777]

3. Lorenz Curve

[Option ID = 198778]

4. Range

[Option ID = 198779]

**74) When two variables change in the same direction, then such correlation is called:[Question ID = 35123][Question Description = Ph.D.NSSH\_Q\_074]**

1. Negative [Option ID = 198780]

2. Positive [Option ID = 198781]

3. Qualitative [Option ID = 198782]

4. Quantitative [Option ID = 198783]

**75) What is the full form of ANOVA?[Question ID = 35124][Question Description = Ph.D.NSSH\_Q\_075]**

1. Analysis of Variance [Option ID = 198784]

2. Anatomy of Variance [Option ID = 198785]

3. Arithmetic Mean of Variation [Option ID = 198786]

4. Ancestors of Wakanda [Option ID = 198787]

**76) What is the meaning of ‘Lashkar-e-Taiba’?[Question ID = 35125][Question Description = Ph.D.NSSH\_Q\_076]**

1. Army of Allah [Option ID = 198788]

2. Army of the Pure [Option ID = 198789]

3. Army of Islam [Option ID = 198790]

4. Army of Taliban [Option ID = 198791]

**77) Where is Counter Insurgency and Jungle Warfare School situated?[Question ID = 35126][Question Description = Ph.D.NSSH\_Q\_077]**

1. Chhattisgarh [Option ID = 198792]

2. Jammu and Kashmir [Option ID = 198793]

3. Arunachal Pradesh [Option ID = 198794]

4. Mizoram [Option ID = 198795]

**78) According to Global Terrorism Index 2020, which of the following countries is most affected by terrorism?**

**[Question ID = 35127][Question Description = Ph.D.NSSH\_Q\_078]**

1. Afghanistan [Option ID = 198796]

2. Pakistan [Option ID = 198797]

3. Iraq [Option ID = 198798]

4. Syria [Option ID = 198799]

**79) United Nations Office of Counter-Terrorism (UNOCT) was established in:**

**[Question ID = 30935][Question Description = Ph.D.NSSH\_Q\_079]**

1. 2017

[Option ID = 198800]

2. 2001

[Option ID = 198801]

3. 2016

[Option ID = 198802]

4. 2002

[Option ID = 198803]

**80) What is the full form of ‘SATP’ ?[Question ID = 30936][Question Description = Ph.D.NSSH\_Q\_080]**

1. South America Terrorism Portal [Option ID = 198804]

2. South Africa Terrorism Portal [Option ID = 198805]

3. South Afghanistan Terrorism Portal [Option ID = 198806]

4. South Asia Terrorism Portal [Option ID = 198807]

**81) Which of the following is the apex body for Disaster Management in India ?**

**[Question ID = 30937][Question Description = Ph.D.NSSH\_Q\_081]**

1. Cabinet Committee on Disaster Management

[Option ID = 198808]

2. Chairman Chief of Staff Committee

[Option ID = 198809]

3. National Security Advisor

[Option ID = 198810]

4. National Disaster Management Authority

[Option ID = 198811]

**82) SAARC Meteorological Centre is located in:**

**[Question ID = 30938][Question Description = Ph.D.NSSH\_Q\_082]**

1. New Delhi, India

[Option ID = 198812]

2. Dhaka, Bangladesh

[Option ID = 198813]

3. Thimphu, Bhutan

[Option ID = 198814]

4. Karachi, Pakistan

[Option ID = 198815]

**83) Second BIMSTEC Disaster Management Exercise-2020 was held in:**

**[Question ID = 30939][Question Description = Ph.D.NSSH\_Q\_083]**

1. Odisha, India

[Option ID = 198816]

2. Dhaka, Bangladesh

[Option ID = 198817]

3. Goa, India

[Option ID = 198818]

4. Chittagong, Bangladesh

[Option ID = 198819]

**84) What is the name of the civilian evacuation exercise to bring back Indian citizens stranded abroad amidst the coronavirus-induced travel restrictions?**

**[Question ID = 30940][Question Description = Ph.D.NSSH\_Q\_084]**

1. Vande Mataram Mission [Option ID = 198820]

2. Vande Bharat Mission [Option ID = 198821]

3. Air India Mission [Option ID = 198822]

4. Air Bharat Mission [Option ID = 198823]

**85) The current Director general of the International Solar Alliance belongs to which country?**

**[Question ID = 30941][Question Description = Ph.D.NSSH\_Q\_085]**

1. Canada

[Option ID = 198824]

2. UK

[Option ID = 198825]

3. Japan

[Option ID = 198826]

4. India

[Option ID = 198827]

**86) The book titled ‘India’s Wars: A Military History, 1947-1971’ is written by**

**[Question ID = 30942][Question Description = Ph.D.NSSH\_Q\_086]**

1. Ahmed Rashid [Option ID = 198828]

2. Srinath Raghavan [Option ID = 198829]

3. Ramachandra Guha [Option ID = 198830]

4. Arjun Subramaniam [Option ID = 198831]

**87) David Rapoport’s concept of Four Waves belongs to:**

**[Question ID = 30943][Question Description = Ph.D.NSSH\_Q\_087]**

1. Terrorism

[Option ID = 198832]

2. Nuclear Warfare

[Option ID = 198833]

3. Cyber Warfare

[Option ID = 198834]

4. Democracy

[Option ID = 198835]

**88) In which year the concept of the human security was introduced by the United Nations Development Programme (UNDP)?**

[Question ID = 30944][Question Description = Ph.D.NSSH\_Q\_088]

1. 1993

[Option ID = 198836]

2. 1994

[Option ID = 198837]

3. 2000

[Option ID = 198838]

4. 2001

[Option ID = 198839]

**89) Which of the following schools is associated with the concept of Securitisation ?**

[Question ID = 30945][Question Description = Ph.D.NSSH\_Q\_089]

1. Copenhagen School

[Option ID = 198840]

2. Frankfurt School

[Option ID = 198841]

3. Paris School

[Option ID = 198842]

4. Welsh School

[Option ID = 198843]

**90) The book, 'People, States and Fear: The National Security Problem in International Relations' is written by**

[Question ID = 30946][Question Description = Ph.D.NSSH\_Q\_090]

1. Barry Buzan

[Option ID = 198844]

2. Peter Hough

[Option ID = 198845]

3. Ole Waver

[Option ID = 198846]

4. Jaap de Wilde

[Option ID = 198847]

**91) Match List I with List II**

List I	List II
Thinkers	Theory
A. Friedrich Ratzel	I. Organic Theory of State
B. Alfred Mahan	II. Sea Power Theory
C. Mac Kinder	III. Heartland Theory
D. Karl Haushofer	IV. Theory of Geopolitics

Choose the **correct** answer from the options given below:

[Question ID = 30947][Question Description = Ph.D.NSSH\_Q\_091]

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

[Option ID = 198848]

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

[Option ID = 198849]

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

[Option ID = 198850]

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

[Option ID = 198851]

**92) Match List I with List II**

List I	List II
Major Arms Control Agreements	Years
A. Chemical Weapons Convention	I. 1997
B. Antipersonnel Landmines Treaty	II. 1990
C. Treaty on Conventional Armed Forces in Europe	III. 1993
D. ASEAN Nuclear Weapon Free Zone Treaty	IV. 1995

Choose the **correct** answer from the options given below:

[Question ID = 30948][Question Description = Ph.D.NSSH\_Q\_092]

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

[Option ID = 198852]

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

[Option ID = 198853]

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

[Option ID = 198854]

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

[Option ID = 198855]

93) The book 'Man, the State, and War', is written by

[Question ID = 30949][Question Description = Ph.D.NSSH\_Q\_093]

1. Kenneth Waltz

[Option ID = 198856]

2. Thucydides

[Option ID = 198857]

3. Hans J. Morgenthau

[Option ID = 198858]

4. E.H. Carr

[Option ID = 198859]

94) Given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R

Assertion A : Security is a 'contested concept'.

Reason R : The meaning of security has been broadened to include political, economic, societal, environmental, and military aspect.

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

[Question ID = 30950][Question Description = Ph.D.NSSH\_Q\_094]

1. Both A and R are true and R is the correct explanation of A

[Option ID = 198860]

2. Both A and R are true but R is NOT the correct explanation of A

[Option ID = 198861]

3. A is true but R is false

[Option ID = 198862]

4. A is false but R is true

[Option ID = 198863]

95) In which country was Osama bin Laden killed by the US forces ?

[Question ID = 30951][Question Description = Ph.D.NSSH\_Q\_095]

1. Pakistan

[Option ID = 198864]

2. Afghanistan

[Option ID = 198865]

3. Iran

[Option ID = 198866]

4. Saudi Arabia

[Option ID = 198867]

96) The Doklam crisis of 2017 is concerned with which three countries?[Question ID = 30952][Question Description = Ph.D.NSSH\_Q\_096]

1. India-China-Pakistan [Option ID = 198868]

2. India-China-Nepal [Option ID = 198869]

3. China-Nepal-Bhutan [Option ID = 198870]

4. India-China-Bhutan [Option ID = 198871]

97) Who is the author of the book, “India and Asian Geopolitics: The Past, Present”?

[Question ID = 30953][Question Description = Ph.D.NSSH\_Q\_097]

1. Shyam Saran

[Option ID = 198872]

2. S. Jaishankar

[Option ID = 198873]

3. Vijay Gokhale

[Option ID = 198874]

4. Shivshankar Menon

[Option ID = 198875]

98) The government led by which Prime Minister had constituted the Group of Ministers (GoM) to review national security in its entirety?

[Question ID = 31064][Question Description = Ph.D.NSSH\_Q\_098]

1. P.V. Narasimha Rao

[Option ID = 198876]

2. Manmohan Singh

[Option ID = 198877]

3. Atal Bihari Vajpayee

[Option ID = 198878]

4. Inder Kumar Gujral

[Option ID = 198879]

99) Match the year of war from List-I with the name of Prime Minister during whose tenure the war was fought in List-II and choose the correct code

List I	List II
Year	Prime Minister
A. 1962	I. Lal Bahadur Shastri
B. 1965	II. Jawaharlal Nehru
C. 1971	III. Atal Bihari Vajpayee
D. 1999	IV. Indira Gandhi

Choose the correct answer from the options given below:

[Question ID = 31065][Question Description = Ph.D.NSSH\_Q\_099]

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

[Option ID = 198880]

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

[Option ID = 198881]

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

[Option ID = 198882]

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

[Option ID = 198883]

100) Match List I with List II

List I	List II
Border	Border Guarding Force
A. Bangladesh and Pakistan Borders	I. Indo-Tibetan Border Police (ITBP)
B. China Border	II. Border Security Force (BSF)
C. Nepal and Bhutan Borders	III. Assam Rifles (AR)
D. Myanmar Border	IV. Sashastra Seema Bal (SSB)

Choose the correct answer from the options given below:

[Question ID = 31066][Question Description = Ph.D.NSSH\_Q\_100]

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

[Option ID = 198884]

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

[Option ID = 198885]

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

[Option ID = 198886]

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

[Option ID = 198887]

