

National Testing Agency

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Energy Studies programme

Group Number :	1
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Break time:	0
Group Marks:	100

PART A

Section Id :	128206288
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	50
Number of Questions to be attempted:	50
Section Marks:	100
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	128206467
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 12820610215 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 country is not a Caspian state?

- Russia
- Kazakhstan
- Turkmenistan
- Uzbekistan

Options :

- 12820640379. A
- 12820640380. B
- 12820640381. C
- 12820640382. D

Question Number : 2 Question Id : 12820610216 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

When was OPEC established?

- a. 1960
- b. 1973
- c. 1981
- d. None of these above

Options :

- 12820640383. A
- 12820640384. B
- 12820640385. C
- 12820640386. D

Question Number : 3 Question Id : 12820610217 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 one of the following country is not a member of OPEC?

- a. Nigeria
- b. Gabon
- c. Russia
- d. Kuwait

Options :

- 12820640387. A
- 12820640388. B
- 12820640389. C
- 12820640390. D

Question Number : 4 Question Id : 12820610218 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Chabahar Port is located in which country?

- a. Afghanistan
- b. Iran
- c. Azerbaijan
- d. None of these above

Options :

- 12820640391. A
- 12820640392. B
- 12820640393. C
- 12820640394. D

Question Number : 5 Question Id : 12820610219 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 Carter Doctrine was coined by the United States in the context of ___

- a. Middle East
- b. Soviet Union
- c. North Africa
- d. None of these above.

Options :

12820640395. A

12820640396. B

12820640397. C

12820640398. D

Question Number : 6 Question Id : 12820610220 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Who has coined the term geopolitics?

- a. Thomas Hobbes
- b. Jean Bodin
- c. Rudolf Kejlan
- d. None of these above

Options :

12820640399. A

12820640400. B

12820640401. C

12820640402. D

Question Number : 7 Question Id : 12820610221 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

When was the Treaty of Westphalia signed?

- a. 1648
- b. 1647
- c. 1844
- d. 1921

Options :

12820640403. A

12820640404. B

12820640405. C

12820640406. D

Question Number : 8 Question Id : 12820610222 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 concept of Carbon Tax is associated with

- a. Taxes imposed for using fossil fuels
- b. Aimed at promoting fossil fuels
- c. Both a and b
- d. None of the above

Options :

- 12820640407. A
- 12820640408. B
- 12820640409. C
- 12820640410. D

Question Number : 9 Question Id : 12820610223 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 Paris Agreement of 2015 agreed to limit global temperature rise below ___ degree

- a. 1.5
- b. 2.7
- c. 2.0
- d. None of the above

Options :

- 12820640411. A
- 12820640412. B
- 12820640413. C
- 12820640414. D

Question Number : 10 Question Id : 12820610224 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 Baku-Tbilisi-Ceyhan Pipeline

- a. Passes through Russia
- b. Bypasses Georgia
- c. Bypasses Kazakhstan
- d. None of the above

Options :

- 12820640415. A
- 12820640416. B
- 12820640417. C
- 12820640418. D

Question Number : 11 Question Id : 12820610225 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Greed and Grievances theory in the context of resource conflict was articulated by

- a. Paul Collier and Anke Hoeffler
- b. Stephan Walt
- c. Ricardo
- d. None of the above

Options :

- 12820640419. A
- 12820640420. B
- 12820640421. C
- 12820640422. D

**Question Number : 12 Question Id : 12820610226 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

Who among the following has written the book *The Structure of Scientific Revolution*

- a. Thomas Kuhn
- b. Karl Popper
- c. Max Weber
- d. None of the above

Options :

- 12820640423. A
- 12820640424. B
- 12820640425. C
- 12820640426. D

**Question Number : 13 Question Id : 12820610227 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 one of the following state is not a member of Gulf Cooperation Council

- a. Saudi Arabia
- b. Iran
- c. Kuwait
- d. Qatar

Options :

- 12820640427. A
- 12820640428. B
- 12820640429. C
- 12820640430. D

**Question Number : 14 Question Id : 12820610228 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 concept of Peak Oil Theory was made by _____, an American geoscientist

- a. Marion King Hubbert
- b. Daniel Yergin
- c. Robert M Hallman
- d. Joel Darmstadter

Options :

- 12820640431. A
- 12820640432. B

12820640433. C

12820640434. D

Question Number : 15 Question Id : 12820610229 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 notion of Containment Approach in International Relations was propounded by

- a. John Herz
- b. Harlford J Mackinder
- c. Gramsci
- d. George F Kenan

Options :

12820640435. A

12820640436. B

12820640437. C

12820640438. D

Question Number : 16 Question Id : 12820610230 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Energy Information Administration (EIA), under the Department of Energy, collects, analyses, and disseminates independent and impartial energy information. Which country does it belong to?

- a. United Kingdom
- b. United States
- c. France
- d. Germany

Options :

12820640439. A

12820640440. B

12820640441. C

12820640442. D

Question Number : 17 Question Id : 12820610231 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

When was International Atomic Energy Agency (IAEA) founded?

- a. 1978
- b. 1957
- c. 1960
- d. 1981

Options :

12820640443. A

12820640444. B

12820640445. C

12820640446. D

Question Number : 18 Question Id : 12820610232 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 below countries have the highest number of operable nuclear reactors as of 2018?

- a. China
- b. India
- c. France
- d. Republic of Korea

Options :

12820640447. A

12820640448. B

12820640449. C

12820640450. D

Question Number : 19 Question Id : 12820610233 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Who among them is not a realist

- a. E.H. Carr
- b. Reinhold Neibuhr
- c. Hans Morgenthau
- d. Nicolas Onuf

Options :

12820640451. A

12820640452. B

12820640453. C

12820640454. D

Question Number : 20 Question Id : 12820610234 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 below range of percentages represent the share of coal used for global electricity generation in 2015?

- a. 38 – 42%
- b. 12 – 15%
- c. 75 – 80%
- d. 90% and above

Options :

12820640455. A

12820640456. B

12820640457. C

12820640458. D

Question Number : 21 Question Id : 12820610235 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 among the following fuel sources' usage for electricity generation contributed to the highest percentage of greenhouse gas emission globally in 2015?

- a. Oil
- b. Gas
- c. Coal
- d. Nuclear

Options :

12820640459. A

12820640460. B

12820640461. C

12820640462. D

Question Number : 22 Question Id : 12820610236 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 constitute the highest quantity among fuel reserves found in India?

- a. Oil
- b. Gas
- c. Coal
- d. Uranium

Options :

12820640463. A

12820640464. B

12820640465. C

12820640466. D

Question Number : 23 Question Id : 12820610237 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 among the following has the highest recoverable crude oil reserves in the world, as of 2017?

- a. Nigeria
- b. Venezuela
- c. Saudi Arabia
- d. Angola

Options :

12820640467. A

12820640468. B

12820640469. C

12820640470. D

Question Number : 24 Question Id : 12820610238 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 country imports the highest quantity of crude oil in the world?

- a. India
- b. China
- c. United Kingdom
- d. United States

Options :

12820640471. A

12820640472. B

12820640473. C

12820640474. D

Question Number : 25 Question Id : 12820610239 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 is the largest consumer of crude oil in the world?

- a. China
- b. India
- c. United States
- d. Germany

Options :

12820640475. A

12820640476. B

12820640477. C

12820640478. D

Question Number : 26 Question Id : 12820610240 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 method can be applicable for collecting qualitative data?

- a. Artefacts (Visual)
- b. People
- c. Media products (Textual, Visual and Sensory)
- d. All of the above

Options :

12820640479. A

12820640480. B

12820640481. C

12820640482. D

Question Number : 27 Question Id : 12820610241 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 non-probability sampling?

- a. Snowball
- b. Random
- c. Cluster
- d. Stratified

Options :

12820640483. A

12820640484. B

12820640485. C

12820640486. D

**Question Number : 28 Question Id : 12820610242 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 purpose of doing research?

- a. To identify problem
- b. To find the solution
- c. Both A and B
- d. None of these

Options :

12820640487. A

12820640488. B

12820640489. C

12820640490. D

**Question Number : 29 Question Id : 12820610243 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

In group interview there are _____

- a. One interviewer and one interviewee
- b. More than one interviewer and one interviewee
- c. One interviewer and more than one interviewee
- d. More than one interviewer and more than one interviewee

Options :

12820640491. A

12820640492. B

12820640493. C

12820640494. D

**Question Number : 30 Question Id : 12820610244 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 are associated with behavioural observation?

- a. Non-verbal analysis
- b. Linguistic analysis
- c. Spatial analysis
- d. All of these

Options :

- 12820640495. A
- 12820640496. B
- 12820640497. C
- 12820640498. D

Question Number : 31 Question Id : 12820610245 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Uniting various quantitative methods with qualitative methods can be called as _____

- a. Coalesce
- b. Triangulation
- c. Bipartite
- d. Impassive

Options :

- 12820640499. A
- 12820640500. B
- 12820640501. C
- 12820640502. D

Question Number : 32 Question Id : 12820610246 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Multistage sampling is a _____

- a. Probability sampling
- b. Non-probability sampling
- c. Both A and B
- d. None of these

Options :

- 12820640503. A
- 12820640504. B
- 12820640505. C
- 12820640506. D

Question Number : 33 Question Id : 12820610247 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 research paper is a brief report of research work based on

- a. Primary Data only
- b. Secondary Data only
- c. Both Primary and Secondary Data
- d. None of the above

Options :

12820640507. A

12820640508. B

12820640509. C

12820640510. D

**Question Number : 34 Question Id : 12820610248 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

Classification of all types of libraries has been made by-

- a. IFLA
- b. UNISIST
- c. UNESCO
- d. INSDOC

Options :

12820640511. A

12820640512. B

12820640513. C

12820640514. D

**Question Number : 35 Question Id : 12820610249 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 main purpose of research in education is to _____

- a. Help in the personal growth of an individual
- b. Help the candidate become an eminent educationist
- c. Increase job prospects of an individual
- d. Increase social status of an individual

Options :

12820640515. A

12820640516. B

12820640517. C

12820640518. D

**Question Number : 36 Question Id : 12820610250 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

_____ refers to inferring about the whole population based on the observation made on a small part

- a. Deductive inference
- b. Inductive inference
- c. Pseudo-inference
- d. Objective inference

Options :

12820640519. A

12820640520. B

12820640521. C

12820640522. D

Question Number : 37 Question Id : 12820610251 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Social science deals with _____

- a. Objects
- b. Human Beings
- c. Living things
- d. Non Living things

Options :

12820640523. A

12820640524. B

12820640525. C

12820640526. D

Question Number : 38 Question Id : 12820610252 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 blue print of Research work is called

- a. Research problem
- b. Research design
- c. Research tools
- d. Research Methods

Options :

12820640527. A

12820640528. B

12820640529. C

12820640530. D

Question Number : 39 Question Id : 12820610253 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Hypothesis must have _____

- a. Applicability
- b. Durability
- c. Testability
- d. Measurement

Options :

12820640531. A

12820640532. B

12820640533. C

12820640534. D

**Question Number : 40 Question Id : 12820610254 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

Constructivism as an approach in International Relations focuses on

- a. Identity and shared norms
- b. Inter- state bargaining
- c. Distribution of profit
- d. None of these above.

Options :

12820640535. A

12820640536. B

12820640537. C

12820640538. D

**Question Number : 41 Question Id : 12820610255 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 introductory section of a research report should aim to:

- a. Identify the specific focus of the study
- b. Provide a rationale for the study
- c. Grab the reader's attention
- d. All of the above

Options :

12820640539. A

12820640540. B

12820640541. C

12820640542. D

**Question Number : 42 Question Id : 12820610256 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

In mixed-methods research, quantitative and qualitative findings should be:

- a. Integrated
- b. Contained in separate sections
- c. Listed in order of importance
- d. Shown fully in appendices

Options :

12820640543. A
12820640544. B
12820640545. C
12820640546. D

**Question Number : 43 Question Id : 12820610257 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 not normally included in a written account of qualitative research?

- a. An introduction, locating the research in its theoretical context
- b. An explanation of the design of the study
- c. A discussion of the main findings in relation to the research questions
- d. A decision to accept or reject the hypothesis

Options :

12820640547. A
12820640548. B
12820640549. C
12820640550. D

**Question Number : 44 Question Id : 12820610258 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 reasoning where we start with certain particular statements and conclude with a universal statement is called ____

- a. Deductive Reasoning
- b. Inductive Reasoning
- c. Abnormal Reasoning
- d. Transcendental Reasoning

Options :

12820640551. A
12820640552. B
12820640553. C
12820640554. D

**Question Number : 45 Question Id : 12820610259 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 variables cannot be expressed in quantitative terms?

- a. Socio-economic Status
- b. Marital Status
- c. Professional Attitude
- d. None of the above

Options :

12820640555. A

12820640556. B

12820640557. C

12820640558. D

**Question Number : 46 Question Id : 12820610260 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 appropriate source to find out descriptive information is _____

- a. Bibliography
- b. Directory
- c. Encyclopaedia
- d. None of the above

Options :

12820640559. A

12820640560. B

12820640561. C

12820640562. D

**Question Number : 47 Question Id : 12820610261 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

Questionnaire is a :

- a. Research method
- b. Measurement technique
- c. Tool for data collection
- d. Data analysis technique

Options :

12820640563. A

12820640564. B

12820640565. C

12820640566. D

**Question Number : 48 Question Id : 12820610262 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

Ontology is _____

- a. An Indexing Method
- b. Philosophy concerning nature of reality
- c. Cataloguing of Internet based documents
- d. Documentation service

Options :

12820640567. A

12820640568. B

12820640569. C

12820640570. D

**Question Number : 49 Question Id : 12820610263 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 the first step in starting the research process?

- a. Searching sources of information to locate problem.
- b. Survey of related literature
- c. Identification of problem
- d. Searching for solutions to the problem

Options :

12820640571. A

12820640572. B

12820640573. C

12820640574. D

**Question Number : 50 Question Id : 12820610264 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 2 Wrong Marks : 0

Who among the below wrote the book *The Discovery of Grounded Theory*

- a. Strauss and Corbin
- b. Strauss and Glaser
- c. JS Mill
- d. None of the above

Options :

12820640575. A

12820640576. B

12820640577. C

12820640578. D