



TEST SERIES
THIRTEEN



TS13/1

- Consider the following statements:
 1. According to Mahavamsa, Ashok turned to the Buddha's dhamma when his nephew Nigrodha preached the doctrine to him
 2. Divyavadana ascribes Ashoka being drawn to the Buddha's teaching to influence Samudra, a merchant-turned monk
 3. Dipavamsa speaks of Samudra, the 12 year old son of a merchant, as the key figure in Ashoka's coming under the influence of the Buddhist dhamma

Which of the statements given above is/are correct?

A) 1 only

B) 2 only

C) 1 and 2

D) 1 and 3

TS13/2

- Name the site that gives us valuable information about India's maritime links on Coromandel coast.

A) Bharukachchha

B) Karur

C) Arikamedu

D) Anuradhapura

TS13/3

- Where are the largest quantity of cichlids found in India?

A) Backwaters of Kerala

B) Sunderbans

C) Narmada

D) Godavari

TS13/4

- Which Greek philosopher coined the term 'Geography' in the 3rd century BCE?

A) Euclid

B) Plato

C) Eratosthenes

D) Clio

TS13/5

- Who is the author of the 16th century Sanskrit text, the Vraja Bhakti Vilasa which focusses on the Braj region in North India?

A) Todar Mal

B) Narayana Bhatta

C) Chaitanya

D) Rupa Goswami

TS13/6

- Bose-Einstein Condensate is

A) solid state of matter

B) fifth state of matter

C) Plasma

D) state of condensed matter

TS13/7

- The rate of evaporation of liquid does NOT depend upon
 - A) temperature
 - B) its surface area exposed to the atmosphere
 - C) its mass
 - D) humidity

TS13/8

- Rutherford's alpha particle scattering experiment on thin gold foil was responsible for the discovery of

A) electron

B) proton

C) atomic nucleus

D) neutron

TS13/9

- Food chain is

A) relationship between autotrophic organisms

B) exchange of genetic material between two organisms

C) passage of food (and thus energy) from one organism to another

D) modern entrepreneur establishment providing food outlets

TS13/10

- Which one of the following is active transport?
 - A) It is the movement of a substance against a diffusion gradient with the use of energy from respiration
 - B) It is the movement of a substance against a diffusion gradient without the use of energy
 - C) It is the movement of a substance against a diffusion gradient with the use of energy from photosynthesis
 - D) It is the movement of a substance along a diffusion gradient with the use of energy from respiration

TS13/11

- Chlorophyll in photosynthetic prokaryotic bacteria is associated with
 - A) Plastids
 - B) Membranous vesicles
 - C) Nucleoids
 - D) Chromosomes

TS13/12

- What do you mean by ‘Demographic Dividend’?
 - A) A rise in the rate of economic growth due to a higher share of working age people in a population
 - B) A rise in the rate of literacy due to development of educational institutions in different parts of the country
 - C) A rise in the standard of living of the people due to the growth of alternative livelihood practices
 - D) A rise in the gross employment ratio of a country due to government policies

TS13/13

- Which one of the following organism is responsible for sleeping sickness?
 - A) Leishmania
 - B) Trypanosoma
 - C) Ascaris
 - D) Helicobacter

TS13/14

- Which one of the following body parts/organs of the human body does NOT have smooth muscle?

A) Ureters

B) Iris of eye

C) Bronchi of lungs

D) Biceps

TS13/15

- What is Inter-cropping?
 - A) It is the time period between two cropping seasons
 - B) It is growing of two or more crops in random mixture
 - C) It is growing of two or more crops in definite row patterns
 - D) It is growing of different crops on a piece of land in a pre-planned succession

TS13/16

- Magnification is

A) actual size of specimen/ observed size

B) observed size of specimen/ actual size

C) actual size of specimen – observed size

D) actual size of specimen X observed size

TS13/17

- Which one of the following cell organelles is known as “suicide bags” of a cell?
 - A) Lysosomes
 - B) Plastids
 - C) Endoplasmic reticulum
 - D) Mitochondria

TS13/18

- Which one of the following statements with regard to economic models is NOT correct?
 - A) They involve simplification of complex processes
 - B) They represent the whole or a part of a theory
 - C) They can be expressed only through equation
 - D) They help in gaining an insight into cause and effect

TS13/19

- The value of the slope of a normal demand curve is

A) Positive

B) Negative

C) Zero

D) Infinity

TS13/20

- Which one of the following is not a characteristic of continental shelves?
 - A) Sites of productive fishing grounds
 - B) Oil and gas reserves
 - C) Sites of submarine canyons
 - D) Large stores of sand and gravel

TS13/21

- Which one of the following is an example of a price floor?
 - A) Minimum Support Price (MSP) for Jowar in India
 - B) Subsidy given to farmers to buy fertilizers
 - C) Price paid by people to buy goods from ration shops
 - D) Maximum Retail Price printed on the covers/packets of goods sold in India

TS13/22

- Which one of the following is not a dimension of the Human Development Index?
 - A) A long and healthy life
 - B) Knowledge
 - C) Access to banking and other financial provisions
 - D) A descent standard of living

TS13/23

- Gini Coefficient or Gini Ratio can be associated with which one of the following measurements in an economy?
 - A) Rate of Inflation
 - B) Poverty index
 - C) Income inequality
 - D) Personal income

TS13/24

- Consider the following statements:
 1. Particles of matter intermix on their own
 2. Particles of matter have force acting between them

Which of the statements given above is/are correct?

A) 1 only

B) 2 only

C) Both 1 and 2

D) Neither 1 nor 2

TS13/25

- Rate of evaporation increases with
 - A) an increase of surface area
 - B) an increase in humidity
 - C) a decrease in wind speed
 - D) a decrease in temperature

TS13/26

- Consider the following statements about mixture:
 1. A substance can be separated into other kinds of matter by any physical process
 2. Dissolved sodium chloride can be separated from water by the physical process of evaporation

Which of the statements given above is/are correct?

A) 1 only

B) 2 only

C) Bot 1 and 2

D) neither 1 nor 2

TS13/27

- Which one of the following statements is NOT correct?
 - A) Elements are defined by the number of protons they possess
 - B) Isobars are atoms having the same atomic number by the number of protons they possess
 - C) The mass number of an atom is equal to the number of nucleons in its nucleus
 - D) Valency is the combining capacity of an atom

TS13/28

- If the speed of a moving magnet inside a coil increases, the electric current in the coil
 - A) increases
 - B) decreases
 - C) reverses
 - D) Remains the same

TS13/29

- Which of the following statements as per the Constitution of India are NOT correct?
 1. The President tenders resignation to the Chief Justice of India
 2. The Vice-President tenders his resignation to the President of India
 3. The Comptroller and Auditor General of India is removed from his office in the like manner as the President of India
 4. A Judge of the Supreme Court can resign his office by writing under his hand addressed to the Chief Justice of India

Select the correct answer using the code given below:

A) 1 and 2 only
C) 1,2 and 3

B) 3 and 4 only
D) 1, 3 and 4

TS13/30

- Rajya Sabha has exclusive jurisdiction in
 - A) creation of new States
 - B) declaring a war
 - C) financial emergency
 - D) authorizing Parliament to legislate on a subject in the State List

TS13/31

- The term soil impoverishment relates to which one of the following?
 - A) Soil erosion
 - B) Soil deposition
 - C) Soil getting very deficient in plant nutrients
 - D) Soil getting enriched (improved) with plant nutrients

TS13/32

- Which one of the following is the correct sequential phase in the successional development of vegetation community in a habitat?
 - A) Migration, Reaction, Stabilization and Nudation
 - B) Migration, Stabilization, Reaction and Nudation
 - C) Nudation, Migration, Reaction and Stabilization
 - D) Reaction, Migration, Stabilization and Nudation

TS13/33

- Match List I with List II and select the correct answer using the code given below the Lists:

LIST I
(Soil Type).

- a) Oxisols
- b) Vertisols
- c) Histosols
- d) Entisols

LIST II

(Major Characteristic)

- 1. Very rich in organic matter
- 2. Soil lacking horizons
- 3. Very old and highly weathered
- 4. Rich in clay content and highly basic

Code:	a	b	c	d
A)	3	1	4	2
B)	3	4	1	2
C)	2	1	4	3
D)	2	4	1	3

TS13/34

- Which one of the following mountains separates Black Sea and Caspian Sea?
 - A) Urals
 - B) Caucasus
 - C) Carpathians
 - D) Balkan mountains

TS13/35

- The Aral Sea is situated between
 - A) Kazakhstan and Uzbekistan
 - B) Kazakhstan and Turkmenistan
 - C) Uzbekistan and Turkmenistan
 - D) Uzbekistan and Tajikistan

TS13/36

- Rains caused by thunderstorms during the hot weather season (mid March to mid June) in Karnataka are called

A) Kalbaisakhi

B) Mango showers

C) Loo

D) Cherry blossoms

TS13/37

- Which one of the following is the largest fresh water lake in India?
 - A) Chilka
 - B) Loktak
 - C) Dal
 - D) Wular

TS13/38

- Who were Alvars?

A) Those who immersed in devotion to Vishnu

B) Devotees of Shiva

C) Those who worshipped abstract form of God

D) Devotees of Shakti

TS13/39

- Which one of the following is monatomic?

A) Hydrogen

B) Sulphur

C) Phosphorous

D) Helium

TS13/40

- In graphite, each carbon atom is bonded to three other carbon atoms
 - A) Forming a three dimensional structure
 - B) in the same plane giving a hexagonal array
 - C) in the same plane giving a square array
 - D) in the same plane giving a pentagonal array

TS13/41

- Soap solution used for cleaning purpose appears cloudy. This is due to the fact that soap micelles can
 - A) refract light
 - B) scatter light
 - C) diffract light
 - D) polarize light

TS13/42

- People prefer to wear cotton clothes in summer season. This is due to the fact that cotton clothes are
 - A) good absorbers of water
 - B) good conveyers of heat
 - C) good radiators of heat
 - D) good absorber of heat

TS13/43

- Employing Chromatography, one cannot separate
 - A) radio-isotopes
 - B) colours from dye
 - C) Pigments from a natural colours
 - D) drugs from blood

TS13/44

- Consider the following statement:

“Atomic number of an element is a more fundamental property than its atomic mass.” Who among the following scientists has made the above statement?

A) Dmitri Mendelleve

B) Henry Moseley

C) J J Thomson

D) Ernest Rutherford

TS13/45

- Which one of the following acids is also known as Vitamin C?

A) Methanoic acid

B) Ascorbic acid

C) Lactic acid

D) Tartaric acid

TS13/46

- Which one of the following is NOT found in animal cells?
 - A) Free ribosomes
 - B) Mitochondria
 - C) Nucleolus
 - D) Cell wall

TS13/47

- Marsilea, Fern and Horse-tail are examples of which one of the following plant groups?

A) Pteridophyta

B) Bryophyta

C) Gymnosperm

D) Angiosperms

TS13/48

- How are the small lakes in Ireland known as?

A) Loughs

B) Bogs

C) Creek

D) Brooks

TS13/49

- Which one of the following is the main Rabi Season cereal crop of India?

A) Paddy

B) Maize

C) Millets

D) Wheat

TS13/50

- Which one of the following was NOT a feature of India's foreign policy under Nehru?
 - A) Panchsheel
 - B) Non-Alignment
 - C) Promoting peace and decolonization
 - D) Cooperation among people of South Asian REgion

TS13/51

- Which one of the following is not a Fundamental Duty prescribed in the Constitution of India?

A) To value and preserve the rich heritage of our composite culture

B) To protect and improve the natural environment

C) To safeguard public property property and abjure violence

D) To promote international peace and security

TS13/52

- The First Schedule of the Constitution of India consists of
 - A) A list of States and Union Territories of India
 - B) The Union and State Lists
 - C) Languages
 - D) Acts outside the purview of judicial review

TS13/53

- Which one of the following statements is NOT correct about the Right to Constitutional Remedies under Article 32 of the Constitution of India?
 - A) It is a right for the enforcement of Fundamental Rights
 - B) The Supreme Court has the power to issue writs under this provision
 - C) The rights guaranteed by this Article cannot be suspended
 - D) The Parliament can empower any other court to exercise the powers of issuing writ under this provision

TS13/54

- In which one of the following Articles, does the Constitution of India abolish ‘Untouchability’ and its practice in any form?

A) Article 17

B) Article 18

C) Article 19

D) Article 15

TS13/55

- Which one of the following is not a right guaranteed by Article 19 of the Constitution of India.?
 - A) Freedom of speech and expression
 - B) Freedom to practice any profession
 - C) Freedom to follow a religion of one's choice
 - D) Freedom to form associations or unions

TS13/56

- Which one of the following is Not one of the modes of acquisition of citizenship under the Citizenship Act, 1955?
 - A) Descent
 - B) Registration
 - C) Incorporation of territory
 - D) Overseas citizenship/dual citizenship

TS13/57

- Which one of the following pairs is not correctly matched?
 - A) Lord North ::: Regulating Act of 1773
 - B) Lord Cornwallis ::: Permanent Settlement
 - C) Lord Bentinck ::: Abolition of Sati
 - D) Lord Canning. ::: Minute on Indian Education

TS13/58

- Which one of the following statements about the Bhakti movement in India is NOT correct?
 - A) Ramanuja taught at Meenakshi temple of Madurai
 - B) The founder of Madhava sect was a Kanarese Brahmin
 - C) Telugu Brahmin Nimbarka settled near Mathur and greatly influenced the Bhakti movement
 - D) Impact of Sahajiyas, Tantrics and Nathyogi led to the development of North Indian Sant tradition

TS13/59

- Which one of the following doesnot describe one part of the classic Hindu temple?

A) Garbhagriha

B) Mndapa

C) Tribhanga

D) Antarala

TS13/60

- Which one of the following prompted the Mughals to enter into trade negotiations with the English in the early 17th century ?

A) The English victory over Portuguese, fleet off Swally in 1612

B) The gifts sent by the English King to the Mughal emperor

C) The diplomatic skill of William Hawkins's

D) The skills of Thomas Roe

TS13/61

- Which one among the following temples is the earliest in time?
 - A) The Sun Temple at Martand
 - B) The Jandial Temple
 - C) The Gupta Temple at Deogarh
 - D) The Kailasnatha Temple at Kanchipuram

TS13/62

- Match List I with List II and select the correct answer using the code given below the lists:

LIST I
CITY

- a) Lucknow
- b) Jabalpur
- c) Surat
- d) Patna

LIST II
RIVER

- 1. Ganga
- 2. Tapti
- 3. Narmada
- 4. Gomti

Code.	a	b	c	d
A)	1	2	3	4
B)	4	3	2	1
C)	1	3	2	4
D)	4	2	3	1

TS13/63

- Gir National Park is famous for

A) Tiger

B) Lion

C) Migratory Birds

D) One-horn Rhinoceros

TS13/64

- Chinook is

A) A very warm and dry wind on the eastern slopes of the Rockies

B) A violent and extremely cold wind of the Tundras

C) An extremely cold wind in central Siberia

D) A dry and dusty wind off the west coast of Africa blowing from the deserts

TS13/65

- The following are the major peaks of the Himalayas. Arrange them from higher to lower altitudes:

1. Kanchenjunga
2. Nanga Parbat
3. Nanda Devi
4. Dhaulagiri

Select the correct answer using the code given below:

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

TS13/66

- Longest day/night is experienced during a year in the
 - A) Equator
 - B) Pole
 - C) Tropics of Cancer / Capricorn
 - D) Arctic/Antarctic Circle

TS13/67

- Newton's law of motion cannot be applicable to the particles moving at a speed comparable to the speed of

A) Light

B) Sound

C) Rocket

D) Bullet Train

TS13/68

- Bose-Einstein Condensate (BEC) is formed by cooling a gas of extremely low density, about one-hundred-thousandth the density of normal air. This is treated as
 - A) II state of matter
 - B) III state of matter
 - C) IV state of matter
 - D) V state of matter

TS13/69

- The phenomenon of change of a liquid into vapors at any temperature is known as evaporation, which takes place
 - A) at its boiling point
 - B) above its boiling point
 - C) below its boiling point
 - D) at room temperature

TS13/70

- Automobiles are fitted with a device that shows the distance travelled. Such a device is known as
 - A) Speedometer
 - B) Cathetometer
 - C) Odometer
 - D) Graphometer

TS13/71

- Which one of the following non-metal is present in solid state?
A) Bromine
B) Boron
C) Krypton
D) Radon

TS13/72

- Which one of the following statements about air is correct?
 - A) Air is a compound
 - B) Air is a mixture
 - C) Air is an element
 - D) Air always have more oxygen than nitrogen

TS13/73

- Which one of the following cities hosted the first International Agrobiodiversity Congress in the month of November 2016?
 - A) New Delhi
 - B) Jakarta
 - C) Colombo
 - D) Dhaka

TS13/74

- World Science Day for Peace and Development (Organized by UNESCO) is celebrated worldwide on 10th of every year. Which one of the following was the theme for the year 2020?
 - A) Science for and with Society
 - B) Quality Science Education
 - C) Science for a Sustainable Future
 - D) Science for the rapprochement of peoples and culture

TS13/75

- Which of the following statements with regard to the Pradhan Mantri Yuva Yojana is/are correct?
 1. This is a scheme on entrepreneurship education and training
 2. The scheme spans over a period of five years 2016-17 to 2020-21 with a project cost of around Rs 500 crore

Select the correct answer using the code given below:

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

TS13/76

- Which one of the following statements about the Union Council of Ministers is NOT correct?

A) The Prime Minister is the Head of the Council of Ministers

B) The Council of Ministers advises the President in the exercise of his function

C) The President can ask the Council of Ministers to reconsider any advice

D) The advice given by the Council of Ministers is subject to judicial scrutiny

TS13/77

- Which one of the following statements with regard to the Preamble to the Constitution of India is NOT correct?
 - A) The Preamble is a part of the Constitution
 - B) It states the objective of the Constitution
 - C) The word 'Socialist' was added to the Preamble in 1976
 - D) The word 'Secular' was always a part of the Preamble

TS13/78

- Which one of the following statements with regard to the right to freedom of religion in India is not Correct?

A) This right gives all persons freedom of Conscience

B) It does not permit educational institutions maintained entirely by State funds to impart religious instructions

C) It prevents the State from making a law providing for social welfare and reforms

D) The reference to Hindu includes Sikhs, Jains and Buddhists.

TS13/79

- Which one of the following statements about the founding of the Indian National Congress is correct?
 - A) It was founded in December 1885 by 72 political workers
 - B) It was founded in December 1885 under the leadership of David Hume
 - C) It was founded in Lahore
 - D) Lord Macaulay was the Viceroy of India at the time of its founding

TS13/80

- In which one of the following edicts is the name 'Ashoka' inscribed?
 - A) Shahbazgarhi major rock edict
 - B) Minor rock edict-I at Maski
 - C) Dhauli major rock edict
 - D) Kandahar pillar edict

TS13/81

- In ancient India, Mehrgarh was a
 - A) Neolithic site in the Bolan Valley
 - B) graveyard of the Delhi Sultans
 - C) Kingdom in the Deccan area
 - D) Fort in Rajasthan

TS13/82

- Mahavibhasa, an encyclopedia of Buddhist philosophy is the work of which Buddhist Council?
 - A) First Council
 - B) Second Council
 - C) Third Council
 - D) Fourth Council

TS13/83

- The volcanic island 'Barren Island' is located in
 - A) Chile
 - B) India
 - C) Italy
 - D) Iceland

TS13/84

- Which one among the following is the oldest nuclear power plant in India?
 - A) Kaiga
 - B) Tarapur
 - C) Kundankulam
 - D) Kakrapar

TS13/85

- Match List I with List II and select the correct answer using the code given below the Lists:

 List I
 (Wildlife Sanctuaries).
a) Mahananda
b) Malabar
c) Satyamangalam
d) Lakhari Valley

 List II
 (State)
1. Odisha
2. Tamil Nadu
3. West Bengal
4. Kerala

Code:	a	b	c	d
A)	1	2	4	3
B)	1	4	2	3
C)	3	4	2	1
D)	3	2	4	1

TS13/86

- Which one of the following are the most widespread inorganic pelagic deposits on the ocean floor?
 - A) Red clay
 - B) Radiolarian ooze
 - C) Volcanic dust
 - D) Calcareous ooze

TS13/87

- Electron was discovered by

A) Michael Faraday

B) Joseph John Thomson

C) Henry Cavendish

D) Earnest Rutherford

TS13/88

- Which one of the following statements about carbon dioxide is NOT correct?
 - A) It is a basic oxide
 - B) It is a green house gas
 - C) It forms dry ice
 - D) It is consumed during photosynthesis

TS13/89

- Which one of the following material is not present in gun-powder?
 - A) Sulfur
 - B) Charcoal
 - C) Potassium nitrate
 - D) Barium sulphate

TS13/90

- Which one among the following is the richest source of vitamin C?

A) Apple

B) Banana

C) Amla

D) Papaya

TS13/91

- Night blindness is caused by the deficiency of

A) Vitamin C

B) Vitamin A

C) Vitamin K

D) Vitamin B

TS13/92

- Who among the following is regarded as the father of 'white revolution' in India?
 - A) Dr. B P Pal
 - B) Dr. V Kurien
 - C) Dr. S Nagarajan
 - D) Dr. Khem Singh Gill

TS13/93

- Which of the following statements about the Paris Agreement on Climate Change is/are correct?
 1. The Agreement recognizes the developing countries right to development and their efforts to harmonize development with environment, while protecting the interest of most vulnerable.
 2. The objective of the Agreement ensures that it is mitigation-centric.

Select the correct answer using the code given below:

- A) 1 only B) 2 only
C) Both 1 and 2 D) Neither 1 nor 2

TS13/94

- The principle that the Constitution of India has a 'basic structure' or 'features' which could not be amended was laid down in which one of the following judgements?

A) Shankari Prasad vs. Union of India (1951)

B) Golak Nath vs. State of Punjab (1967)

C) Keshwananda Bharti. Vs. State of Kerala (1973)

D) Minerva Mills vs. Union of India (1980)

TS13/95

- Which one of the following statements regarding disqualification of MPs and MLAs on grounds of defection is NOT correct?
 - A) These provisions are listed in the 10th Schedule of the Constitution of India
 - B) A member may be disqualified on grounds of defection
 - C) Disqualification on grounds of defection does not apply in case of merger
 - D) All questions regarding disqualification on grounds of defection are referred to the Election Commission of India.

TS13/96

- Which one of the following countries was not a signatory to the SAARC Charter signed on December 1985?

A) Afghanistan

B) Sri Lanka

C) Pakistan

D) Maldives

TS13/97

- Which one of the following institutions organizes the Dr. Abdul Kalam IGNITE Awards for children?

- A) National Innovation Foundation
- B) National Knowledge Commission
- C) Competition Commission of India
- D) National Innovation Council

TS13/98

- 'No More Tension' mobile application is launched by
 - A) Ministry of Commerce and Industries
 - B) Ministry of Health and Family Welfare
 - C) Ministry of Finance
 - D) Ministry of External Affairs

TS13/99

- Which two of the following extreme locations are connected by the East-West Corridor in India?

A) Silchar and Porbandar

B) Mumbai and Nagpur

C) Mumbai and Kolkata

D) Nagpur and Siliguri

TS13/100

- IN which one of the following countries is Tamil an official language?
 - A) Singapore
 - B) Indonesia
 - C) Malaysia
 - D) Thailand

ANSWERS

Q	A	Q	A	Q	A	Q	A	Q	A
1	C	11	B	21	A	31	C	41	B
2	C	12	A	22	C	32	C	42	A
3	A	13	B	23	C	33	B	43	A
4	C	14	D	24	C	34	B	44	B
5	B	15	C	25	A	35	A	45	B
6	B	16	B	26	B	36	D	46	D
7	C	17	A	27	B	37	D	47	A
8	C	18	B	28	A	38	A	48	A
9	C	19	B	29	D	39	D	49	D
10	A	20	C	30	D	40	B	50	D

ANSWERS

Q	A	Q	A	Q	A	Q	A	Q	A
51	D	61	B	71	B	81	A	91	B
52	A	62	B	72	B	82	D	92	B
53	C	63	B	73	A	83	B	93	A
54	A	64	A	74	A	84	B	94	C
55	C	65	A	75	C	85	C	95	D
56	D	66	B	76	D	86	A	96	A
57	D	67	A	77	D	87	B	97	A
58	A	68	D	78	C	88	A	98	B
59	C	69	C	79	A	89	D	99	A
60	A	70	C	80	B	90	C	100	A

- Thank You