Q.1) Consider the following statements with respect to the Parliament

- 1. Indian system is similar to the American pattern where the President is an integral part of the Parliament.
- 2. Out of nine union territories, only three have representation in Lok Sabha.

Choose the correct answer using codes below

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.1) Solution (d)

Statement 1	Statement 2
Incorrect	Incorrect
Indian system is similar to the British	Out of the nine union territories, only
pattern where the President is an	three (Delhi, Puducherry and Jammu &
integral part of the Parliament.	Kashmir) have representation in Rajya
	Sabha.
The American president is not an integral	
part of the legislature.	All union territories have representation
12	in Lok Sabha.

Q.2) Which among the following does not find mention in Constitution?

- a) Cabinet
- b) Office of profit
- c) Election commissioners
- d) All of the above are mentioned in the Constitution

Q.2) Solution (d)

All the above three are mentioned in the constitution.

Statement a	Statement b	Statement c
Correct	Correct	Correct
As per Article 352, the	Article 324 mentions other	Articles 102(1)(a) and
president shall impose	Election Commissioners.	191(1)(a) talks about
emergency only on the		office of profit.
written recommendations		
of Cabinet.		

Q.3) Which of the following statements are correct about Delimitation **Commission?**

- 1. The chairman of the commission will always be the Chief Election Commissioner of India.
- 2. In case of dispute regarding commission's report, the appeal lies only with the Supreme Court with prior permission from the President of India.

Choose the correct answer using codes below

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.3) Solution (d)		
Statement 1	Statement 2	
Incorrect	Incorrect	
The Delimitation Commission consist of	The Delimitation Commission in India is a	
three members:	high power body whose orders have the	
a) Chairperson (a judge of the Supreme	force of law and cannot be called in	
Court) to be appointed by the Central	question before any court.	
Government.	32.1	
b) The Chief Election Commissioner or an	5	
Election Commissioner nominated by the		
Chief Election Commissioner as ex officio		
member.		
c) The State Election Commissioner of		
concerned State, also as ex officio		
member.	And and a second	
El Comp	T T T	

Q.4) Rajya Sabha can pass a resolution empowering Parliament to make laws on a matter in the State List. Consider the following statements about this power of Rajya Sabha

- 1. Such a resolution must be passed by an absolute majority.
- 2. The resolution remains in force indefinitely until the State requests for its withdrawal.

Choose the correct answer using codes below

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.4) Solution (d)

Statement 1	Statement 2	
Incorrect	Incorrect	
If the Rajya Sabha declares that it is	The resolution remains in force for one	
necessary in the national interest that	year; it can be renewed any number of	
Parliament should make laws on a	times but not exceeding one year at a	
matter in the State List, then the	time.	
Parliament becomes competent to make		
laws on that matter.	The laws cease to have effect on the	
	expiration of six months after the	
Such a resolution must be supported by	resolution has ceased to be in force.	
two-thirds of the members present and		
voting (a case of special majority).		

Q.5) Which of the following disqualifications for being elected as a member of Parliament have been laid down by the Constitution?

- 1. He holds any office of profit under the Union or state government
- 2. He is not a citizen of India
- 3. He has been convicted for any offence resulting in imprisonment for two or more years

Choose the correct answer using codes below

- a) 1 and 2
- b) 1 and 3
- c) 2 and 3
- d) All of the above

Q.5) Solution (a)

Statement 1	Statement 2	Statement 3	
Correct	Correct	Incorrect	
Under the Constitutio	n, a person shall	The Parliament has laid down the following	
be disqualified for bei	ng elected as a	additional disqualifications in the	
member of Parliamen	t:	Representation of People Act (1951):	
1. if he holds any offic	ce of profit under	1. He must not have been found guilty of	
the Union or state go	vernment	certain election offences or corrupt	
(except that of a minis	ster or any other	practices in the elections.	
office exempted by Parliament).		2. He must not have been convicted for	
2. if he is of unsound i	mind and stands	any offence resulting in imprisonment for	
so declared by a court		two or more years. But, the detention of a	

3. if he is an undischarged insolvent.	person under a preventive detention law is
4. if he is not a citizen of India or has	not a disqualification.
voluntarily acquired the citizenship of a	3. He must not have failed to lodge an
foreign state or is under any	account of his election expenses within the
acknowledgement of allegiance to a	time.
foreign state; and	4. He must not have any interest in
5. if he is so disqualified under any law	government contracts, works or services.
made by Parliament.	5. He must not be a director or managing
	agent nor hold an office of profit in a
	corporation in which the government has
	at least 25 per cent share.
	6. He must not have been dismissed from
	government service for corruption or
	disloyalty to the State.
	7. He must not have been convicted for
	promoting enmity between different
	groups or for the offence of bribery.
	8. He must not have been punished for
	preaching and practising social crimes such
The	as untouchability, dowry and sati.
	21

Q.6) The Rajya Sabha is the Upper House (Second Chamber or House of Elders) of the Parliament of India represents the states and union territories of the Indian Union. Which of the following statements regarding upper house of the Parliament is/are *incorrect*?

- 1. The Rajya Sabha was first constituted on 26 January 1950.
- 2. The Constitution has fixed the term of office of members of the Rajya Sabha to six years.
- 3. Allocation of seats in Rajya Sabha is similar to the Senate of the USA.

Choose the correct answer using codes below

- a) 1 and 2
- b) 2 and 3
- c) 3 only
- d) All of the above

Q.6) Solution (d)

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Incorrect
The Rajya Sabha	The Constitution has not	The seats are allotted to the
was first	fixed the term of office of	states in the Rajya Sabha on the

constituted in	members of the Rajya	basis of population. Hence, the
1952.	Sabha and left it to the	number of representatives
	Parliament. Accordingly, the	varies from state to state.
	Parliament in the	
	Representation of the	In USA, all states are given equal
	People Act (1951) provided	representation in the Senate
	that the term of office of a	irrespective of their population.
	member of the Rajya Sabha	USA has 50 states and the
	shall be six years.	Senate has 100 members—2
		from each state.

Q.7) Consider the following statements regarding Lok Sabha

- 1. The origin of Lok Sabha can be traced back to the Charter Act of 1853.
- 2. The maximum strength of the Lok Sabha is fixed at 550.
- 3. Prime Minister always act as the Leader of house for Lok Sabha.

Choose the correct statement/s using codes below

- a) 1 only
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Q.7) Solution (a)

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Incorrect
The origin of Lok Sabha	Th <mark>e maxim</mark> um streng <mark>th o</mark> f	Prime Minister acts as the
can be traced back to the	the Lok Sabha is fixed at	'Leader of the House' only
Charter Act of 1853.	552. Out of this, 530	if he is a member of the
The Charter Act of 1853,	members are to be the	Lok Sabha, otherwise a
for the first time provided	representatives of the	minister who is a member
some sort of a legislature	states, 20 members are to	of the Lok Sabha and is
in the form of a 12	be the	nominated by the prime
member Legislative	representatives of the	minister functions as the
Council.	union territories and 2	'Leader of the House'.
	members are to be	
	nominated by the	
	president from the Anglo-	
	Indian community	

Q.8) Consider the following statements with reference to the speaker of Lok Sabha

- 1. He holds a casting vote in case of a tie.
- 2. He cannot vote in the house while a resolution for his removal is under consideration in the house.
- 3. He remains in his office even after the dissolution of Lok Sabha.

Choose the correct statement/s using codes below

- a) 1 only
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Q.8) Solution (c)

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
Normally, speaker does 🏼 🖊	When a resolution for the	Whenever the Lok Sabha
not vote in the first	removal of the Speaker is	is dissolved, the Speaker
instance. But he can	under consideration of the	does not vacate his office
exercise a casting vote in	House, he cannot preside	and continues till the
the case of a tie.	at the sitting of the House,	newly-elected Lok Sabha
	though he may be	meets.
	present. However, he can	
4	speak and take part in the	P
	proceedings of the House	N I I I I I I I I I I I I I I I I I I I
	at such a time and vote in	
	the first instance, though	
	not in the case of an	
	equality of votes.	
~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Q.9) Consider the following statements with reference to the Money bills

- 1. A money bill can be introduced only by a minister.
- 2. The Rajya Sabha cannot reject or amend the money bill.
- 3. The President cannot withhold his assent to the bill.

Choose the correct statement/s using codes below

- a) 1 and 2
- b) 1 and 3
- c) 2 and 3
- d) All of the above

Q.9) Solution (a)

Statement 1 Statement 2	Statement 3
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Correct	Correct	Incorrect
Article 110 of the	The Rajya Sabha has	When a money bill is
Constitution deals with	restricted powers with	presented to the
the definition of money	regard to a money bill. It	president, he may either
bills. Every such bill is	cannot reject or amend a	give his assent to the bill
considered to be a	money bill.	or withhold his assent to
government bill and can		the bill but cannot return
be introduced only by a		the bill for reconsideration
minister.		of the Houses.

Q.10) Which of the following constitutional provisions with regard to the enactment of budget is *incorrect*?

- a) Parliament cannot increase a tax.
- b) Rajya Sabha cannot vote on demand for grants.
- c) Unlike a money bill, a finance bill dealing with taxation can be introduced in Rajya Sabha.
- d) No tax shall be levied except by authority of law.

Q.10) Solution (c)

Statement 1	Statement 2	Statement 3	Statement 4
Correct	Correct	Incorrect	Correct

The Constitution of India contains the following provisions with regard to the enactment of budget:

1. The President shall in respect of every financial year cause to be laid before both the Houses of Parliament a statement of estimated receipts and expenditure of the Government of India for that year.

2. No demand for a grant shall be made except on the recommendation of the President.

3. No money shall be withdrawn from the Consolidated Fund of India except under appropriation made by law.

4. No money bill imposing tax shall be introduced in the Parliament except on the recommendation of the President, and such a bill shall not be introduced in the Rajya Sabha.

5. No tax shall be levied or collected except by authority of law.

6. Parliament can reduce or abolish a tax but cannot increase it.

7. The Constitution has also defined the relative roles or position of both the Houses of Parliament with regard to the enactment of the budget in the following way:

(a) A money bill or finance bill dealing with taxation cannot be introduced in the Rajya Sabha—it must be introduced only in the Lok Sabha.

(b) **The Rajya Sabha has no power to vote on the demand for grants**; it is the exclusive privilege of the Lok Sabha.

(c) The Rajya Sabha should return the Money bill (or Finance bill) to the Lok Sabha within fourteen days. The Lok Sabha can either accept or reject the recommendations made by Rajya Sabha in this regard.

8. The estimates of expenditure embodied in the budget shall show separately the expenditure charged on the Consolidated Fund of India and the expenditure made from the Consolidated Fund of India.

9. The budget shall distinguish expenditure on revenue account from other expenditure.

10. The expenditure charged on the Consolidated Fund of India shall not be submitted to the vote of Parliament. However, it can be discussed by the Parliament.

Q.11) Right to vote in a presidential election is a

- a) Natural right
- b) Constitutional right
- c) Fundamental right
- d) Legal right

Q.11) Solution (d)

Constitutional rights are those which are explicitly mentioned in the constitution.

Article 54 mentions about the presidential elections and the members of Electoral College but not right of vote to them. This is taken care under the Representation of the People Act. So it is a legal right.

Q.12) Which of the following statements is/are correct about Rajya Sabha elections?

- 1. Unlike use of secret ballots in Lok sabha elections, open ballots are used in Rajya Sabha elections.
- 2. Similar to Lok Sabha elections, the use of NOTA (None of the above) option is allowed in Rajya Sabha elections too.

Choose the correct answer using codes below

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.12) Solution (a)

Statement 1	Statement 2
Correct	Incorrect
Unlike the general elections to the Lok	The Election Commission withdrew the
Sabha, which are conducted with secret	'none of the above' (NOTA) option from
ballots (or votes) and based on the first-	ballot papers of the Rajya Sabha and the
past-the-post principle, open ballots are	Legislative Council polls following a
used in the Rajya Sabha elections. These	Supreme Court directive.
elections follow a proportional	
representation system based on the	
single transferable vote.	

Q.13) Consider the following statements regarding the 'office of whip'

- 1. The office of 'whip' is mentioned in the Rules of the House.
- 2. The concept of the whip is an Indian innovation.
- 3. There are some cases such as Presidential elections where whips cannot direct a Member of Parliament (MP) or Member of Legislative Assembly (MLA) to vote in a particular fashion.

Choose the correct statement/s using codes below

- a) 1 and 2
- b) 2 only
- c) 3 only
- d) 2 and 3

Q.13) Solution (c)		_
Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Correct
The office of 'whip' is	India inherited the	There are some cases such
mentioned neither in the	concept of the whip from	as Presidential elections
Constitution of India nor in	the British parliamentary	where whips cannot direct
the Rules of the House nor	system.	a Member of Parliament
in a Parliamentary Statute.		(MP) or Member of
It is based on the		Legislative Assembly
conventions of the		(MLA) to vote in a
parliamentary		particular fashion.
government.		

Q.13) Solution (c)

Q.14) Which of the following statements regarding sessions of Parliament are incorrect?

- 1. The period spanning between the first sitting of the House and its prorogation is called 'recess'.
- 2. The power of adjournment lies with the presiding officer of the house whereas for adjournment sine die, it lies with the President.
- 3. Prorogation brings to an end all bills or any other business pending before the House.

Choose the correct statement/s using codes below

- a) 1 and 2
- b) 1 and 3
- c) 2 and 3
- d) All of the above

Q.14) Solution (d)

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Incorrect
A 'session' of Parliament is	The power of	Prorogation does not
the period spanning	adjournment as well as	affect the bills or any
between the first sitting of	adjournment sine die lies	other business pending
a House and its	with the presiding officer	before the House.
prorogation (or dissolution	of the House.	However, all pending
in the case of the Lok 🛛 🔰		notices (other than those
Sabha).		for introducing bills) lapse
During a session, the		on prorogation and fresh
House meets everyday to	MM	notices have to be given
transact business. The	$f \downarrow \sim h \downarrow$	for the next session. In
period spanning between		Britain, prorogation brings
the prorogation of a	- Com	to an end all bills or any
House and its reassembly		other business pending
in a new session is called		before the House.
'recess'.		

Q.15) Which of the following bills do not lapse on dissolution of Lok Sabha?

- 1. A bill pending in the Lok Sabha
- 2. A bill pending in the Rajya Sabha but not passed by the Lok Sabha
- 3. A bill passed by the Lok Sabha but pending in the Rajya Sabha
- 4. A bill passed by both Houses but returned by the president for reconsideration of Houses

Choose the correct statement/s using codes below

- a) 1,2 and 3
- b) 2 and 4
- c) 3 and 4
- d) 1,3 and 4

Q.15) Solution (b)

Statement 1	Statement 2	Statement 3	Statement 4
Incorrect	Correct	Incorrect	Correct

The position with respect to lapsing of bills on dissolution of Lok Sabha is as follows:

1. A bill pending in the Lok Sabha lapses (whether originating in the Lok Sabha or transmitted to it by the Rajya Sabha).

2. A bill passed by the Lok Sabha but pending in the Rajya Sabha lapses.

3. A bill not passed by the two Houses due to disagreement and if the president has notified the holding of a joint sitting before the dissolution of Lok Sabha, does not lapse.

4. A bill pending in the Rajya Sabha but not passed by the Lok Sabha does not lapse.

5. A bill passed by both Houses but pending assent of the president does not lapse.

6. A bill passed by both Houses but returned by the president for reconsideration

of Houses does not lapse.

Q.16) Consider the following statements regarding the Question Hour in the Parliament

- 1. A starred question requires an oral answer and supplementary questions cannot follow.
- 2. An unstarred question requires a written answer and supplementary questions cannot follow.

Choose the correct answer using codes below

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.16) Solution (b)

Statement 1	Statement 2
Incorrect	Correct
A starred question (distinguished by an	An unstarred question requires a written
asterisk) requires an oral answer and	answer and hence, supplementary
hence supplementary questions can	questions cannot follow.
follow.	

Q.17) Which of the following statements regarding parliamentary proceeding is/are incorrect?

- 1. The first hour of every parliamentary sitting is slotted for Zero Hour.
- 2. Unlike the question hour, the zero hour is mentioned in the Rules of Procedure.

Choose the correct statement/s using codes below

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.17) Solution (c)

Statement 1	Statement 2
Incorrect	Incorrect
The first hour of every parliamentary	Unlike the question hour, the zero hour
sitting is slotted for question hour.	is not mentioned in the Rules of
	Procedure. Thus it is an informal device
The	available to the members of the
12	Parliament to raise matters without any
4 ~~	prior notice.

Q.18) Which of the following decides the question of disqualification of a member of the Parliament, arising on the ground of defection?

- a) President of India
- b) Election Commission
- c) Supreme Court
- d) Presiding Officer of the House

Q.18) Solution (d)

The question of disqualification under the Tenth Schedule is decided by the Chairman in the case of Rajya Sabha and Speaker in the case of Lok Sabha (and not by the president of India).

Q.19) Consider the following statements

- 1. The registration of electors for Parliamentary Constituencies
- 2. Qualifications and disqualifications for membership of Parliament

- 3. Registration of political parties
- 4. Disputes regarding elections

Which of the above mentioned provisions are present in the Representation of the People Act, 1951?

- a) 1,2 and 3
- b) 1,3 and 4
- c) 2,3 and 4
- d) All of the above

Q.19) Solution (c)

Statement 1	Statement 2	Statement 3	Statement 4
Incorrect	Correct	Correct	Correct
The Representation of	The Representation of the People Act, 1951 contains the		
the People Act, 1950	provisions relating to the following electoral matters:		
provided for the	1. Qualifications an	<mark>d disqualific</mark> ations fo	or membership of
registration of electors	Parliament and State Legislatures		
for Parliamentary	2. Notification of general elections		
Constituencies and for	3. Administrative machinery for the conduct of elections		
the Assembly and	4. Registration of political parties		
Council Constituencies,	5. Conduct of elections		
and the qualifications	6. Free supply of certain material to candidates of		
and disqualifications for	recognised political parties		
such registration.	7. Disputes regarding elections		
	8. Corrupt practices and electoral offences		

Q.20) Which of the following conditions make a political party eligible to be recognized as a National Party?

- 1. If it secures six per cent of the valid votes polled in four or more states at a general election to the Lok Sabha and, in addition, it wins two seats in the Lok Sabha from any of the state.
- 2. If it wins two per cent of seats in the Lok Sabha at a general election and these candidates are elected from three states
- 3. If it is recognised as a state party in four states.

Choose the correct statement/s using codes below

- a) 1 and 2
- b) 1 and 3
- c) 2 and 3
- d) All of the above

Q.20) Solution (c)

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct
A party is recognised as a national party if any of the following conditions is fulfilled:		
1. If it secures six per cent of valid votes polled in any four or more states at a		
general election to the Lok Sabha or to the legislative assembly; and, in addition, it		
wins four seats in the Lok Sabha from any state or states; or		
2. If it wins two per cent of seats in the Lok Sabha at a general election; and these		
candidates are elected from three states; or		
3. If it is recognised as a state party in four states.		

Q.21) Sometimes seen in news, the 'Yogyakarta Principles' is related with

- a) Responsible consumption and production
- b) Human Rights in relation to sexual orientation and gender identity
- c) Water sharing across international borders
- d) Set of rules followed by the Jain monks

Q.21) Solution (b)

- Yogyakarta Principles recognize freedom of sexual orientation and gender identity as part of Human Rights.
- They were outlined in 2006 in Yogyakarta, Indonesia by a distinguished group of International Human Right experts.
- Supreme Court in Navtej Singh Johar vs Union of India Case decriminalised homosexuality by striking off parts of Section 377 of IPC which were held violative of Fundamental Rights of LGBTQ Community.
- Supreme Court stated Yogyakarta Principles in its judgement.

Q.22) Consider the following statements about NIRVIK scheme:

- 1. It aims to enhance loan availability and ease the lending process for exporters and importers.
- 2. Insurance cover guaranteed will now cover up to 90% of the principal and interest from earlier 60%.
- 3. Insurance cover will include both pre and post-shipment credit.

Which of the statements given above is/are incorrect?

- a) 1 only
- b) 2 and 3 only

- c) 3 only
- d) 1 and 2 only

Q.22) Solution (a)

- The Export Credit Guarantee Corporation of India (ECGC) is a fully government-owned company that was established in 1957 to promote exports by providing credit insurance services.
- The Government of India had initially set up Export Risks Insurance Corporation in 1957.
- After the introduction of insurance covers to banks during the period 1962-64, the name was changed to Export Credit & Guarantee Corporation Ltd in 1964.
- Its objective was to promote exports from the country by providing credit risk insurance and related services for exports.

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct
Export Credit Guarantee	It is an insurance cover	The insurance cover will
Corporation of India	guarantee that will	include both pre and post-
(ECGC) has introduced	cover up to 90% of the	shipment credit. The
the Export Credit	principal and	insurance cover is expected
Insurance Scheme (ECIS)	interest. The ECGC	to bring down the cost of
called NIRVIK to enhance	earlier provides credit	credit due to capital relief,
loan availability and ease	guarantee of up to 60%	less provision requirement
the lending process for	loss.	and liquidity due to quick
Exporters.		settlement of claims.

Q.23) The term 'Sycamore' seen in news in the context of

- a) Techniques of removing space debris
- b) Quantum Supremacy
- c) Antimicrobial Resistance
- d) Controlled Human Infection Model

Q.23) Solution (b)

• **Google's quantum computer**, named **Sycamore**, claimed 'supremacy' because it reportedly did the task in 200 seconds that would have apparently taken a supercomputer 10,000 years to complete.

• Quantum supremacy refers to a problem-solving process by the quantum computer that cannot be solved by a classical computer in its normal lifetime.

Q.24) With reference to Project Sentinel, consider the following statements:

- 1. It is an American plan to protect its nationals visiting to Island regions of Indian Ocean.
- 2. It was launched following the killing of an American national in the North Sentinel Island of Andaman and Nicobar islands.

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

Q.24) Solution (d)

- **'Project Sentinel'** is an American plan to protect ships passing through the Strait of Hormuz.
- Though Europe needs to keep the Persian Gulf open to guarantee the flow of oil and ensure its economic security, France and Germany have refused to join Project Sentinel of USA.

Q.25) Pulikali is a folk art of which of the following state?

- a) Sikkim
- b) Arunachal Pradesh
- c) Kerala
- d) Tamil Nadu

Q.25) Solution (c)

- **Pulikali (Tiger Dance)** is one among the **folk art forms of Kerala**. The term Pulikkali literally means 'play of the tigers'.
- The art is performed on the fourth day of Onam. Performers are painted like tigers.

• The main theme of this folk art is tiger hunting with participants playing the role of tiger and hunter.

Q.26) Consider the following statements with respect to 'Peace Forest Initiative'.

- 1. It was launched at the 14th session of Conference of Parties (COP14) to the United Nations Convention to Combat Desertification (UNCCD).
- 2. It was brainchild of India.

Select the correct statements

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.26) Solution (a)

South Korea launched the Peace Forest Initiative, at the ongoing 14th session of Conference of Parties (COP14) to the United Nations Convention to Combat Desertification (UNCCD) in India.

Source: https://www.thehindubusinessline.com/news/world/korea-for-usingforestry-to-grow-peace-on-borders/article29384871.ece

Q.27) 'Adapt Now: A Global Call for Leadership on Climate Resilience' Report is brough out by

- a) Global Commission on Adaptation
- b) UN Environment
- c) World Economic Forum
- d) None of the above

Q.27) Solution (a)

The report is jointly by the Global Commission on Adaptation (GCA) and the World Resources Institute (WRI).

Q.28) 'Goldschmidtite', a new mineral was discovered from

- a) South Africa
- b) Australia
- c) Russia
- d) Canada

Q.28) Solution (a)

A new, curious mineral has been discovered inside a diamond unearthed from a mine in South Africa. The mineral has been named goldschmidtite, after Victor

Moritz Goldschmidt, the Norwegian scientist acknowledged as the founder of modern geochemistry.

Goldschmidtite has an unusual chemical signature for a mineral from Earth's mantle. While the mantle is dominated by elements such as magnesium and iron, goldschmidtite has high concentrations of niobium, potassium and the rare earth elements lanthanum and cerium.

Q.29) Consider the following statements with respect to 'AIDA mission'.

- 1. It is a joint by project by NASA and ISRO.
- 2. It aims at studying the kinetic effects of crashing an impactor spacecraft into an asteroid.

Select the correct statements

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.29) Solution (b)

It is a joint by project by NASA and ESA.

It is a joint research mission to study the viability of diverting an asteroid by crashing a spacecraft into its surface. The project aims to deflect the orbit of one of the two Didymos asteroids between Earth and Mars, with an observer craft gauging the effect of the impact more effectively than ground-based observers could manage. NASA will provide the collider, the **Double Asteroid Impact Test (DART).** It should launch in summer 2021 and will smack into the smaller of the two Didymos asteroids at about 14,764MPH. An Italian cubesat, LICIACube, will study the moment of impact. After that, the ESA will launch a **Hera probe** in October 2024 to study the target asteroid, including the impact crater, mass and a radar probe (the first ever for an asteroid).

Q.30) The '1995 Basel Ban Amendment' was in news recently. It is associated with

- a) Banking Sector
- b) Ship Recycling
- c) Waste Dumping
- d) Whaling

Q.30) Solution (c)

The 1995 Basel Ban Amendment, a global waste dumping prohibition, has become an international law after Croatia ratified it. Croatia became the 97th country to ratify the ban, which was adopted by the parties to the **Basel Convention** in 1995, to protect human health and the environment against the adverse effects of hazardous wastes.

The Ban Amendment prohibits all export of hazardous wastes, including electronic wastes and obsolete ships from 29 wealthiest countries of the **Organization of Economic Cooperation and Development (OECD)** to non-OECD countries.

