

# NDA I 2017\_General Ability

Total <sup>-</sup>	Time:	<b>150</b>
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Total Marks: 600.0

- **Q.No.1:** Each of the following items in this section has a sentence with a blank space and four words or groups of words given after the sentence. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.
- I \_\_\_\_\_\_ you to be at the party this evening.
  - A. look forward to
  - **B.** hope
  - C. expect
  - D. think

Marks:[4.00]

**Q.No.2:** Each of the following items in this section has a sentence with a blank space and four words or groups of words given after the sentence. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.

When I met John yesterday, it was the first time I\_\_\_\_\_ him since Christmas.

- A. saw
- **B.** have seen
- C. had seen
- D. have been seeing

- **Q.No.3:** Each of the following items in this section has a sentence with a blank space and four words or groups of words given after the sentence. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.
- He \_\_\_\_\_\_ to listen to my arguments and walked away.
  - A. denied

<b>B.</b> disliked	
C. prevented	
<b>D.</b> refused	Marks:[4.00]
<b>Q.No.4:</b> Each of the following items in this sefour words or groups of words given after the segwords you consider most appropriate for the black Answer Sheet accordingly.	entence. Select whichever word or group of ank space and indicate your response on the
The flow of blood was so that the patien	t died.
A. intense	
B. adequate	
<ul><li>C. profuse</li><li>D. extensive</li></ul>	
<b>D.</b> extensive	Marks:[4.00]
	Harksi[4.00]
<b>Q.No.5:</b> Each of the following items in this serfour words or groups of words given after the servords you consider most appropriate for the blacknesser Sheet accordingly.	ntence. <mark>Select w</mark> hichever word or group of
You have never me about your expe	riences in America.
A. said	
<b>B.</b> told	
C. explained	
<b>D.</b> spoken	
	Marks:[4.00]
<b>Q.No.6:</b> Each of the following items in this se- four words or groups of words given after the se words you consider most appropriate for the bla	ntence. Select whichever word or group of

Answer Sheet accordingly.

I always felt hungry \_\_\_\_\_ I heard the dinner bell.

- A. as much as
- B. as well as
- C. as soon as
- **D.** as close as

Marks:[4.00]

Q.No.7: Each of the following items in this section has a sentence with a blank space and four words or groups of words given after the sentence. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.

Although they took every precaution, they could not the accident.  A. defer B. allow C. avoid D. block
Marks:[4.00]
Q.No.8: Each of the following items in this section has a sentence with a blank space and four words or groups of words given after the sentence. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.  The ambitious nobleman to marry the king's daughter.  A. transpired  B. perspired  C. aspired  D. expired
Marks:[4.00]
Q.No.9: Each of the following items in this section has a sentence with a blank space and four words or groups of words given after the sentence. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.  The dictator of that country was a monster of wickedness, insatiable in his for blood and plunder.  A. idea  B. vision  C. lust  D. intention
Marks:[4.00]
<ul> <li>Q.No.10: Each of the following items in this section has a sentence with a blank space and four words or groups of words given after the sentence. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.</li> <li>Please don't give me any more, I have had</li> <li>A. few</li> <li>B. too little</li> <li>C. little</li> <li>D. enough</li> </ul>
Marks:[4.00]

**Q.No.11:** In this section, each item consists of a sentence with a word underlined and is followed by four words. Select the word that is most opposite in meaning to the underlined word and indicate your response in the Answer Sheet accordingly.

My first lecture in the classroom was a fiasco.

- A. success
- **B.** joy
- C. fun
- **D.** disaster

Marks:[4.00]

**Q.No.12:** In this section, each item consists of a sentence with a word underlined and is followed by four words. Select the word that is most opposite in meaning to the underlined word and indicate your response in the Answer Sheet accordingly.

It was indeed arduous to cross streets in New York.

- A. pleasant
- B. effortless
- C. interesting
- **D.** risky

Marks:[4.00]

**Q.No.13:** In this section, each item consists of a sentence with a word underlined and is followed by four words. Select the word that is most opposite in meaning to the underlined word and indicate your response in the Answer Sheet accordingly.

Unlike his brother, he is affable.

- A. reserved
- B. gullible
- C. irritable
- **D.** lovable

Marks:[4.00]

**Q.No.14:** In this section, each item consists of a sentence with a word underlined and is followed by four words. Select the word that is most opposite in meaning to the underlined word and indicate your response in the Answer Sheet accordingly.

The birth of his child decidedly proved to be an auspicious event in his life.

- A. precious
- B. ominous
- C. useless
- **D.** unforgettable

**Q.No.15:** In this section, each item consists of a sentence with a word underlined and is followed by four words. Select the word that is most opposite in meaning to the underlined word and indicate your response in the Answer Sheet accordingly.

The witness <u>corroborated</u> word for word the statement of the victim.

- A. accepted
- **B.** confirmed
- C. denied
- **D.** repeated

Marks:[4.00]

**Q.No.16:** In this section, each item consists of a sentence with a word underlined and is followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the underlined word and indicate your response in the Answer Sheet accordingly. It is unwise to <u>sever</u> diplomatic relations with a neighbouring country over small matters.

- A. engage
- B. estrange
- C. cut off
- **D.** twist

Marks:[4.00]

**Q.No.17:** In this section, each item consists of a sentence with a word underlined and is followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the underlined word and indicate your response in the Answer Sheet accordingly. Bad tendencies are to be countered by good ones until all that is evil disappears.

- A. opposed
- B. balanced
- C. reduced
- **D.** bypassed

Marks:[4.00]

**Q.No.18:** In this section, each item consists of a sentence with a word underlined and is followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the underlined word and indicate your response in the Answer Sheet accordingly. The police fired <u>indiscriminately</u> at the crowd, killing many innocent women and children.

- A. continuously
- **B.** without distinguishing
- C. foolishly
- **D.** rapidly

- **Q.No.19:** In this section, each item consists of a sentence with a word underlined and is followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the underlined word and indicate your response in the Answer Sheet accordingly. Businessmen who lack <u>acumen</u> cannot be expected to be very successful.
  - A. fairness
  - **B.** sharpness
  - C. boldness
  - **D.** righteousness

- **Q.No.20:** In this section, each item consists of a sentence with a word underlined and is followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the underlined word and indicate your response in the Answer Sheet accordingly. His <u>candid</u> opinions have won him many friends.
  - A. kind
  - **B.** courteous
  - **C.** generous
  - **D.** frank

Marks:[4.00]

**Q.No.21:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

I disliked him not so much for his meanness but for his dishonesty.

- A. as for
- **B.** but because
- C. but due to
- **D.** No improvement

Marks:[4.00]

**Q.No.22:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

He preferred death <u>rather than</u> imprisonment.

- A. for
- **B.** to
- C. than
- **D.** No improvement

**Q.No.23:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

They kept the idea secretly.

- A. secretive
- **B.** secret
- **C.** secretively
- **D.** No improvement

Marks:[4.00]

**Q.No.24:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

He ought not to <u>tell</u> me your secret, but he did.

- A. telling
- B. have told
- C. having told
- **D.** No improvement

Marks:[4.00]

**Q.No.25:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

If I don't know the meaning of a word, I look it after in the dictionary.

A. look it out

- B. look it for
- C. look it up
- **D.** No improvement

**Q.No.26:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

Mr. and Mrs. Rao stay in their home every evening.

- A. at home
- **B.** inside home
- C. within their home
- **D.** No improvement

Marks:[4.00]

**Q.No.27:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

When we saw him last, he ran to catch a bus.

- A. has run
- B. had run
- C. was running
- **D.** No improvement

Marks:[4.00]

**Q.No.28:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

She <u>cut a sad figure</u> in her first performance on the stage.

- A. made a sorry figure
- **B.** cut a sorry face

- C. cut a sorry figure
- **D.** No improvement

**Q.No.29:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

Last evening I went to the optician and bought spectacles.

- A. a spectacle
- B. two spectacles
- **C.** a pair of spectacles
- **D.** No improvement

Marks:[4.00]

**Q.No.30:** In this section, look at the underlined part of each sentence. Below each sentence are given three possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a 'No improvement' response will be signified by the letter (d).

I would like to avail a fifteen days' holiday this summer.

- A. to avail of
- B. to avail myself of
- C. to avail myself
- **D.** No improvement

Marks:[4.00]

**Q.No.31:** Each item in this section has a sentence with three underlined parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your response in the Answer Sheet against the corresponding letter i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).

- A. I can fly
- **B.** if I will be
- C. a bird.
- **D.** No error.

**Q.No.32:** Each item in this section has a sentence with three underlined parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your response in the Answer Sheet against the corresponding letter i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).

- **A.** As soon as
- **B.** the train arrived
- **C.** the passengers entered the compartments.
- **D.** No error.

Marks:[4.00]

**Q.No.33:** Each item in this section has a sentence with three underlined parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your response in the Answer Sheet against the corresponding letter i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).

- A. Never
- B. I have
- C. seen such a town.
- **D.** No error.

Marks:[4.00]

**Q.No.34:** Each item in this section has a sentence with three underlined parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your response in the Answer Sheet against the corresponding letter i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).

- A. He goes to his office
- **B.** by bicycle
- C. every day.
- **D.** No error.

Marks:[4.00]

**Q.No.35:** Each item in this section has a sentence with three underlined parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your response in the Answer Sheet against the corresponding letter i.e., (a) or (b) or (c). If you find no error, your response should be indicated as (d).

- A. Far from being appreciated,
- B. his conduct was discussed
- **C.** and sharply commented.

**D.** No error.

Marks:[4.00]

**Q.No.36:** In this section, you have two short passages. Read the passages and answer the items that follow. You are required to select your answers based on the contents of the passage and opinion of the author only.

### Passage - 1

We had just passed Tenali, where I roused myself in order to hear the name of the station. As I was falling asleep again, a violent jolt shot me into the arms of somebody in the seat opposite. The engine with one wheel broken was lying across the track and beside it was the luggage van, likewise, derailed. Groaning, wheezing, gasping, sputtering in its death agony, the engine was like a fallen horse which, snorting, trembling in every limb, its flanks heaving, its chest labouring, seems incapable of making the smallest effort to struggle on to its legs again.

The author had roused himself as he wanted to

- A. get off
- **B.** meet someone
- C. know the name of the station
- **D.** keep himself awake

Marks:[4.00]

**Q.No.37:** In this section, you have two short passages. Read the passages and answer the items that follow. You are required to select your answers based on the contents of the passage and opinion of the author only.

#### Passage - 1

We had just passed Tenali, where I roused myself in order to hear the name of the station. As I was falling asleep again, a violent jolt shot me into the arms of somebody in the seat opposite. The engine with one wheel broken was lying across the track and beside it was the luggage van, likewise, derailed. Groaning, wheezing, gasping, sputtering in its death agony, the engine was like a fallen horse which, snorting, trembling in every limb, its flanks heaving, its chest labouring, seems incapable of making the smallest effort to struggle on to its legs again.

The engine stopped because

- **A.** the driver had stopped it
- **B.** one of the wheels was broken
- **C.** there was a halting place
- **D.** there was no fuel

Marks:[4.00]

**Q.No.38:** In this section, you have two short passages. Read the passages and answer the items that follow. You are required to select your answers based on the contents of the passage and opinion of the author only.

#### Passage - 1

We had just passed Tenali, where I roused myself in order to hear the name of the station. As I was falling asleep again, a violent jolt shot me into the arms of somebody in the seat opposite. The engine with one wheel broken was lying across the track and beside it was the luggage van,

likewise, derailed. Groaning, wheezing, gasping, sputtering in its death agony, the engine was like a fallen horse which, snorting, trembling in every limb, its flanks heaving, its chest labouring, seems incapable of making the smallest effort to struggle on to its legs again.

The engine is compared to a fallen horse because

- **A.** it was groaning like a horse
- **B.** it was lying across the track
- C. it could make no effort to stand upright
- **D.** it had a broken wheel

Marks:[4.00]

**Q.No.39:** In this section, you have two short passages. Read the passages and answer the items that follow. You are required to select your answers based on the contents of the passage and opinion of the author only.

### Passage - 2

I was beginning to tire a little now. I had been cutting steps continuously for two hours, and Tenzing, too, was moving very slowly. As I chipped steps around still another comer, I wondered rather dully just how long we could keep it up. Our original zest had now quite gone and it was turning more into a grim struggle. I then realized that the ridge ahead, instead of still monotonously rising, now dropped sharply away, and far below I could see the North Col and Rongbuk glacier. I looked upwards to see a narrow ridge running up to a snowy summit. A few more whacks of the ice-axe in the firm snow and we stood on top.

Which of the following is the most appropriate description of the area in which the narrator had been moving?

- A. A steep rocky slope
- **B.** A peak with a flight of steps
- C. A high peak covered with snow
- **D.** A long ridge

Marks:[4.00]

**Q.No.40:** In this section, you have two short passages. Read the passages and answer the items that follow. You are required to select your answers based on the contents of the passage and opinion of the author only.

#### Passage - 2

I was beginning to tire a little now. I had been cutting steps continuously for two hours, and Tenzing, too, was moving very slowly. As I chipped steps around still another comer, I wondered rather dully just how long we could keep it up. Our original zest had now quite gone and it was turning more into a grim struggle. I then realized that the ridge ahead, instead of still monotonously rising, now dropped sharply away, and far below I could see the North Col and Rongbuk glacier. I looked upwards to see a narrow ridge running up to a snowy summit. A few more whacks of the ice-axe in the firm snow and we stood on top.

A. the climber was unskilled in the art of making steps

'I had been cutting steps continuously for two hours' suggests that

- **B.** he had to cut the steps out of snow before climbing up which was necessarily a slow process
- **C.** the slowness was caused by the fact that as soon as he cut the steps they were again covered with snow
- **D.** he had to work suspended from a ledge

**Q.No.41:** In this section, you have two short passages. Read the passages and answer the items that follow. You are required to select your answers based on the contents of the passage and opinion of the author only.

I was beginning to tire a little now. I had been cutting steps continuously for two hours, and Tenzing, too, was moving very slowly. As I chipped steps around still another comer, I wondered rather dully just how long we could keep it up. Our original zest had now quite gone and it was turning more into a grim struggle. I then realized that the ridge ahead, instead of still monotonously rising, now dropped sharply away, and far below I could see the North Col and Rongbuk glacier. I looked upwards to see a narrow ridge running up to a snowy summit. A few more whacks of the ice-axe in the firm snow and we stood on top.

'It was turning more into a grim struggle' would mean

- **A.** that after the long exertion he was feeling so weak that any further climbing meant a hard struggle with the forces of nature
- **B.** that Tenzing was making the task more difficult
- **C.** that strong cold wind was pushing him down from above and that he had to struggle with the forces of nature
- **D.** that he was in a mood to give up ultimately

Marks:[4.00]

**Q.No.42:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

$$\begin{array}{ccc} \underline{\text{Farm}} & \underline{\text{workers}} \\ \underline{\text{P}} & Q & R & S \\ \end{array}$$

The proper sequence should be

- A. PQRS
- B. PRQS
- C. PQSR
- D.RPQS

**Q.No.43:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

$$\begin{array}{cccc} \text{He} & \underline{\text{shuffled the}} & \underline{\text{in a}} & \underline{\text{together}} \\ & \underline{\text{papers}} & \underline{\text{drawer}} & \underline{\text{together}} \\ \text{P} & \text{Q} & \text{R} & \text{S} \end{array}$$

The proper sequence should be

- A. PQSR
- **B.** PQRS
- C. PSQR
- D.RSPQ

Marks:[4.00]

**Q.No.44:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

The proper sequence should be

- A. PQRS
- B. PRQS
- C. QRPS
- D.QPRS

Marks:[4.00]

**Q.No.45:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

$$\begin{array}{ccc} \underline{\text{We}} & \underline{\text{the hijackers to}} & \underline{\text{to the}} \\ \underline{\text{advised}} & \underline{\text{surrender}} & \underline{\text{police}} \\ \\ P & Q & R & S \end{array}$$

The proper sequence should be

A. PQRS

- B. PRQS
- C. PQSR
- D.RPQS

**Q.No.46:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

<u>Sports</u>	appeal	to some motorists	<u>with noisy</u>	
<u>cars</u>	<u>appear</u>	<u>only</u>	<u>exhausts</u>	
Р	Q	R	S	

The proper sequence should be

- A. RQSP
- B. PSQR
- C. RSPQ
- D.PQSR

D. QPSR

Marks:[4.00]

**Q.No.47:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

<u>He</u> <u>almost</u>	planned the entire strategy of operation	single-handed
P Q	R	S
The proper se	equence should be	
A. RSPQ		
B. PRQS		
<b>C.</b> SQRP		

Marks:[4.00]

**Q.No.48:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

She has more intelligence than we suspected her to

P Q R S

The proper sequence should be

A. PQSR

B. PRQS

C. PSQR

D. PQRS

Marks:[4.00]

**Q.No.49:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

They should implant
PQRS
The proper sequence should be
A. PQRS
B. PQSR
C. RPQS
D. PRQS

Marks:[4.00]

**Q.No.50:** Each of the following items in this section consists of a sentence, the parts of which have been jumbled. These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely (a), (b), (c) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

The proper sequence should be

A. PQRS

**B.** PRQS

C. QPRS

**D.** Q S P R

Marks:[4.00]

**Q.No.51:** Which of the following devices changes low voltage alternating current to high voltage alternating current and vice versa?

- A. Generator
- B. Motor
- C. Transformer
- **D.** Vibrator

**Q.No.52:** An optical illusion which occurs mainly in deserts during hot summer is based on the principle of

- A. Reflection
- **B.** Interference
- **C.** Dispersion
- **D.** Total internal reflection

Marks:[4.00]

Q.No.53: At which place does Earth's magnetic field become horizontal?

- A. Magnetic meridian
- **B.** Magnetic equator
- **C.** Geographical pole
- **D.** Tropic of Cancer

Marks:[4.00]

**Q.No.54:** The speed of a car travelling on a straight road is listed below at successive intervals of 1 s:

Time (s) 0 1 2 3 4

Speed (m/s) 0 2 4 6 8

Which of the following is/are correct?

The car travels

- 1. with a uniform acceleration of 2 m/s<sup>2</sup>.
- 2. 16 min 4 s.
- 3. with an average speed of 4 m/s.

Select the correct answer using the code given below:

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

Marks:[4.00]

Q.No.55: The speed of a body that has Mach number more than 1 is

- A. supersonic
- B. subsonic

- **C.** 300 m/s
- D. about 10 m/s

Q.No.56: Molecules of which of the following has cage-like structure?

- 1. Diamond
- 2. Graphite
- 3. Fullerenes

Select the correct answer using the code given below:

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

Marks:[4.00]

Q.No.57: Temporary hardness in water is due to which of the following of Calcium and Magnesium?

- A. Hydrogen carbonates
- **B.** Carbonates
- C. Chlorides
- D. Sulphates

Marks:[4.00]

Q.No.58: Stung by hairs of nettle leaves causes burning pain. This is due to the injection of

- A. Acetic acid
- B. Methanoic acid
- C. Sulphuric acid
- D. Hydrochloric acid

Marks:[4.00]

Q.No.59: Which of the following elements is the least reactive with water?

- A. Lithium
- B. Sodium
- C. Potassium
- **D.** Cesium

Marks:[4.00]

Q.No.60: Rutherford's alpha-particle-scattering experiment was responsible for the discovery of

- A. Electron
- B. Proton

C. Nucleus D. Helium	Marks:[4.00]
<ul> <li>Q.No.61: Glass is a</li> <li>A. liquid</li> <li>B. colloid</li> <li>C. non-crystalline amorphous solid</li> <li>D. crystalline solid</li> </ul>	Marks:[4.00]
Q.No.62: Cell wall of any fungus is different from plants in having A. cellulose B. chitin	
C. cholesterol D. glycogen	Marks:[4.00]
Q.No.63: Sleeping sickness is a parasitic disease of humans and other anima A. Histomonas B. Trypanosoma C. Angomonae	als. It is caused by
<b>D.</b> Naegleria	Marks:[4.00]
Q.No.64: Which of the following agencies enforces the laws on food security A. FDA B. WHO C. FSSAI	in India?
<b>D.</b> FAO	Marks:[4.00]
Q.No.65: Dengue virus causes high fever, rashes and reduces the number of cells. Those blood cells are  A. Monocytes B. Platelets C. Eosinophils	a particular type of blood

**D.** Neutrophils

**Q.No.66:** Kidney secretes an enzyme, which changes plasma protein angiotensinogen into angiotensin. The enzyme is

- A. Renin
- **B.** Nitrogenase
- C. Hydrolase
- **D.** Mono-oxygenase

Marks:[4.00]

Q.No.67: Red blood cells (RBCs) have

- A. no nucleus, no mitochondria, and no endoplasmic reticulum
- B. nucleus, mitochondria, and endoplasmic reticulum
- C. nucleus, mitochondria but no endoplasmic reticulum
- **D.** no mitochondria but endoplasmic reticulum is present

Marks:[4.00]

**Q.No.68:** According to the Census 2011, the density of population in which among the following States is the lowest?

- A. Sikkim
- B. Nagaland
- C. Manipur
- D. Mizoram

Marks:[4.00]

Q.No.69: Headquarters of the World Meteorological Organization are located in

- A. Washington
- **B.** Geneva
- C. Moscow
- **D.** London

Marks:[4.00]

**Q.No.70:** Match List I with List II and select the correct answer using the code given below the Lists:

List I List II	
(Industry)	(Place)
A. Petrochemical	1. Coimbatore
B Aircraft	<ol><li>Pinjore</li></ol>
C. Machine tools	3. Bengaluru
D. Cotton textiles	4. Bongaigaon

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- **A. ABCD** 4321
- B. A B C D

4 2 3 1

C. ABCD

1234

D. ABCD

1324

Marks:[4.00]

**Q.No.71:** Consider the following statements pertaining to a Coffee plantation in India:

- 1. Need warm and moist climate with a spell of dry weather during the ripening period
- 2. Rolling fields having good drainage
- 3. Strong sunshine over hilly slopes exceeding the temperature of 35°C
- 4. Karnataka is the leading producer in India

Which of the statements given above are correct?

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

Marks:[4.00]

**Q.No.72:** Dr. Urjit Patel, who has been appointed recently as the Governor of Reserve Bank of India, was holding which position immediately prior to this appointment?

- A. Chief Economist, IMF
- **B.** Deputy Governor, Reserve Bank of India
- C. Chief Economic Advisor to the Government of India
- **D.** Professor of Economics at Harvard University

Marks:[4.00]

**Q.No.73:** Who among the following personalities is NOT the Governor of any Indian State?

- A. Najma Heptulla
- B. Ram Nath Kovind
- C. Acharya Devvrat
- D. Arvind Subramanian

Marks:[4.00]

Q.No.74: Which of the following cricket teams was defeated by India to lift the Women's Twenty-20

Asia Cup, 2016?

- A. Bangladesh
- B. Sri Lanka
- C. Pakistan
- **D.** Afghanistan

Marks:[4.00]

**Q.No.75:** Which of the following was the venue of 2nd BRICS Youth Summit of the Ministers, Officials and Youth Delegations?

- A. New Delhi
- **B.** Mumbai
- C. Shillong
- **D.** Guwahati

Marks:[4.00]

**Q.No.76:** Which among the following states of India has recently proposed to frame the first Internal Security Act to deal with the challenges of terrorism, insurgency, communalism and caste violence?

- A. Maharashtra
- **B.** Gujarat
- C. Uttar Pradesh
- **D.** Chhattisgarh

Marks:[4.00]

Q.No.77: The World Humanitarian Day is being observed every year on which date?

- A. 24 October
- **B.** 19 August
- C. 10 December
- D. 8 March

Marks:[4.00]

Q.No.78: Surge pricing takes place when a service provider

- **A.** raises the price of its product or service as demand outstrips supply
- **B.** follows preset prices immune to demand and supply dynamics
- C. fixes a minimum price for its services
- **D.** fixes an average price on the basis of transactions carried over a day

Marks:[4.00]

**Q.No.79:** By fulfilling which of the following conditions can a political party claim the status of a national

- 1. It secures at least six percent (6%) of the valid votes polled in any four or more states, at a general election to the House of the People or to the State Legislative Assembly.
- 2. It wins at least four seats in the House of the People from any State or States or wins atleast two percent (2%) seats in the House of the People (i.e., 11 seats in the existing House having 543 members), and these members are elected from at least three different States.
- 3. The party in question has got recognition as a state party in at least two states.
- 4. It must have its headquarters in New Delhi.

Select the correct answer using the code given below:

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

Marks:[4.00]

**Q.No.80:** In its emphasis on enhancing human capabilities, which among the following does NOT figure in the Twelfth Five-Year Plan?

- **A.** Life and longevity
- **B.** Education
- C. Delivery of public service
- **D.** Skill development

Marks:[4.00]

**Q.No.81:** Which of the following is NOT a target of the 12th Five-Year Plan?

- **A.** Real GDP Growth Rate of 8 percent
- **B.** Agriculture Growth Rate of 5 percent
- C. Manufacturing Growth Rate of 10 percent
- **D.** Increase in green cover by 1 million hectares every year during the Plan period

Marks:[4.00]

**Q.No.82:** Which of the following statements is/are NOT correct?

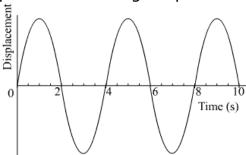
- **A.** In the conduction mode of transference of heat, the molecules of solid pass heat from one molecule to another without moving from their positions.
- **B.** The amount of heat required to raise the temperature of a substance is called its specific heat capacity.
- **C.** The process of heat transfer in liquids and gases is through convection mode.
- **D.** The process of heat transfer from a body at higher temperature to a body at a lower temperature without heating the space between them is known

Q.No.83: The amount of heat required to change a liquid to gaseous state without any change in temperature is known as

- A. specific heat capacity
- **B.** mechanical equivalent of heat
- C. latent heat of vaporisation
- **D.** quenching

Marks:[4.00]

Q.No.84: The following figure shows displacement versus time curve for a particle executing simple harmonic motion:



Which of the following statements is correct?

- **A.** Phase of the oscillating particle is same at t = 1 s and t = 3 s
- **B.** Phase of the oscillating particle is same at t = 2 s and t = 8 s
- **C.** Phase of the oscillating particle is same at t = 3 s and t = 7 s
- **D.** Phase of the oscillating particle is same at t = 4 s and t = 10 s

Marks:[4.00]

Q.No.85: Match List I with List II and select the correct answer using the code given below the Lists:

List I List II

(Disease) (Remedy)

- A. Hypermetropia1. Concave lens
- B. Presbyopia 2. Bifocal lens C. Myopia
  - 3. Surgery
- 4. Convex lens D. Cataract

Codes:

- A. ABCD
  - 4213
- B. ABCD
  - 4123
- C. ABCD

3124

**D. ABCD** 3214

Marks:[4.00]

**Q.No.86:** A circular coil of single turn has a resistance of 20  $\Omega$ . Which of the following is the correct value for the resistance between the ends of any diameter of the coil?

- **A.** 5 Ω
- **B.** 10 Ω
- C.  $20 \Omega$
- **D.** 40  $\Omega$

Marks:[4.00]

**Q.No.87:** In a solenoid, the current flowing through the wire is I and number of turns per unit length is n. This gives a magnetic field B inside the solenoid. If the number of turns per unit length is increased to 2n, what will be the value of magnetic field in the solenoid?

- **A.** *B*
- **B.** 2 *B*
- **C.** B/2
- **D.** B/4

Marks:[4.00]

**Q.No.88:** Which of the following statements is correct about the magnification of an optical microscope?

- **A.** Magnification increases with the increase in focal length of eyepiece
- B. Magnification increases with the increase in focal length of objective
- C. Magnification does not depend upon the focal length of eyepiece
- **D.** Magnification decreases with the increase in focal length of eyepiece

Marks:[4.00]

**Q.No.89:** A homogeneous mixture contains two liquids. How are they separated?

- **A.** By filtration
- B. By evaporation
- C. By distillation
- **D.** By condensation

Marks:[4.00]

Q.No.90: Which of the following elements forms the highest number of compounds?

- A. Oxygen
- B. Hydrogen
- C. Chlorine

D. Carbon

Marks:[4.00]

Q.No.91: Which of the following elements corrodes rapidly?

- A. Aluminium
- **B.** Iron
- C. Zinc
- D. Silver

Marks:[4.00]

Q.No.92: 20 g of common salt is dissolved in 180 g of water. What is the mass percentage of the salt in the solution?

- **A.** 5%
- **B.** 9%
- **C.** 10%
- **D.** 15%

Marks:[4.00]

Q.No.93: The valency of an element depends upon the

- **A.** total number of protons in an atom
- **B.** the mass number of an atom
- **C.** total number of neutrons in an atom
- **D.** total number of electrons in the outermost shell of an atom

Marks:[4.00]

Q.No.94: Match List I with List II and select the correct answer using the code given below the Lists:

List I List II (Noble gas) (Use)

A. Argon

- 1. In lights for advertising display
- 2. Airport-landing lights and in light-houses B. Neon
- C. Krypton
- 3. Light in photographer's flashgun
- D. Xenon 4. In tungsten filament to last longer

Codes:

- A. ABCD
  - 3124
- B. ABCD
  - 3214
- C. ABCD

4213

D. ABCD

4123

Marks:[4.00]

Q.No.95: Colour vision in human eyes is the function of photoreceptor cells named

- A. Rods
- B. Cones
- C. Blind spot
- **D.** Fovea

Marks:[4.00]

**Q.No.96:** Which of the following statements is NOT correct?

- A. All proteins are enzymes
- **B.** Mostly enzymes are proteins
- **C.** All fats are energy-rich compounds
- **D.** Glucose is a common carbohydrate

Marks:[4.00]

Q.No.97: Sugarcane is one of the important cash crops in India. It is grown to obtain

- A. Starch
- **B.** Glucose
- C. Fructose
- D. Sucrose

Marks:[4.00]

Q.No.98: The colourful part of the Sunflower or Marigold plant is

- A. Flower
- **B.** Inflorescence
- C. Fruit
- **D.** Seed

Marks:[4.00]

**Q.No.99:** Match List I with List II and select the correct answer using the code given below the Lists:

List I (Leading (Mineral) State)

A. Manganese 1. Uttarakhand

D. Magnesite Codes:  A. ABCD 1324  B. ABCD 1234  C. ABCD 4231  D. ABCD	<ul><li>2. Karnataka</li><li>3. Rajasthan</li><li>4. Odisha</li></ul>
4321	Marks:[4.00]
South in India?  A. Corbett -  B. Periyar -  C. Corbett -	ch among the following is the correct order of tiger reserves situated from North to  - Simlipal – Sariska – Periyar  - Sariska – Simlipal – Corbett  - Sariska – Simlipal – Periyar  - Simlipal – Sariska – Corbett  - Marks:[4.00]
<b>Q.No.101:</b> Wh Rainfall?	nich of the following are correct with regard to Indian Monsoonal
<ol> <li>Regional and of rainfall</li> <li>Heavy down</li> <li>Beginning a</li> </ol>	only
	tch List I with List II and select the correct answer using the
code given belo	ow the Lists:

List II (*State*)

List I (*Type of climate*)

Page 28 of 41

- A. Monsoon with Short Dry Season (Amw)
- B Cold Humid Winter with Short Summer (Dfc)
- C. Monsoon with Dry Winter (Cwg)
- D. Monsoon with Dry Summer (As)

Codes:

- A. ABCD
  - 4312
- B. ABCD
  - 4132
- C. ABCD
  - 2134
- D. ABCD

2314

- 1. Uttar Pradesh and Bihar
- 2. Tamil Nadu Coast
- 3. Arunachal Pradesh
- 4. Kerala and Karnataka

Marks:[4.00]

- **Q.No.103:** Which one of the following Himalayan rivers does NOT originate from across the Himalayas?
  - A. Indus
  - B. Satluj
  - C. Ganga
  - D. Brahmaputra

Marks:[4.00]

- Q.No.104: The Headquarters of Eastern Railway Zone of Indian Railway are located at
  - A. Bhubaneswar
  - B. Kolkata
  - C. Hajipur
  - **D.** Guwahati

Marks:[4.00]

- **Q.No.105:** Which one among the following countries is the largest trading partner of India in external trade for the year 2015-2016?
  - A. The United States of America
  - B. United Kingdom
  - C. The United Arab Emirates
  - D. China

**Q.No.106:** The radii of curvature of the faces of a double convex lens are 10 cm and 20 cm, respectively. The refractive index of the glass is 1.5. What is the power of this lens (in units of diopter)?

- **A.** +7.5 D
- **B.** -7.5 D
- C. +2.5 D
- **D.** +5.0 D

Marks:[4.00]

**Q.No.107:** The time period of a simple pendulum made using a thin copper wire of length *L* is *T*. Suppose the temperature of the room in which this simple pendulum is placed increases by 30°C, What will be the effect on the time period of the pendulum?

- **A.** *T* will increase slightly
- **B.** T will remain the same
- **C.** *T* will decrease slightly
- **D.** *T* will become more than 2 times

Marks:[4.00]

**Q.No.108:** Which one of the following physical quantities has the same unit as that of pressure?

- A. Angular momentum
- B. Stress
- C. Strain
- D. Work

Marks:[4.00]

**Q.No.109:** Which one of the following statements is correct with regard to the material of electrical insulators?

- A. They contain no electrons
- **B.** Electrons do not flow easily through them
- **C.** They are crystals
- **D.** They have more number of electrons than the protons on their surface

Marks:[4.00]

**Q.No.110:** Which of the following physical quantities does NOT affect the resistance of a cylindrical resistor?

- **A.** The current through it
- B. Its length

- C. The resistivity of the material used in the resistor
- **D.** The area of cross-section of the cylinder

Q.No.111: Which of the following statements regarding King Krishnadevaraya is NOT correct?

- A. He was a great scholar of Telugu and Sanskrit
- B. Foreign travellers Paes and Nuniz visited his court
- **C.** Barbosa praised him for the great justice and equity prevailing in his empire
- **D.** He wrote his magnum opus Amuktamalyada in Sanskrit

Marks:[4.00]

## Q.No.112: Match List I with List II and select the correct answer using the code given below the Lists:

List I

(Amendment to the Constitution of India)

- A. 52nd Amendment Act, 1985
- B. 73rd Amendment Act, 1992
- C. 61st Amendment Act, 1988
- D. 86th Amendment Act, 2006

List II (Subject)

- 1. Reduction of voting age from 21 to
  - ่ 18
- 2. Right to Education
- 3. Panchayati Raj
- 4. Disqualification on grounds of defection

Codes:

- A. ABCD
  - 4132
- **B. ABCD** 4312
- C. ABCD
- 2314
- **D. ABCD** 2134

Marks:[4.00]

## Q.No.113: Which of the following was NOT a cause of the Revolt of 1857?

- **A.** The rumour that the British had mixed the bone dust of cows and pigs into the flour being sold in the market.
- **B.** The prophecy that British rule would come to an end on the centenary of the Battle of Plassey on 23rd June 1857.
- C. Popular discontent with the British rule.
- **D.** The prophecy that the end of British rule would lead to the end of the Kaliyuga and the return of Ram Rajya.

Q.No.114: Which of the following was NOT a feature of the Subsidiary Alliance of Lord Wellesley?

- **A.** The British were responsible for protecting the ally from any external threats.
- **B.** All internal threats were to be handled by the ally alone, with no help from the British.
- **C.** The ally was to provide resources for maintaining a British armed contingent stationed in its territory.
- **D.** The ally could not enter into any agreement with other rulers without the permission of the British.

Marks:[4.00]

# Q.No.115: Match List I with List II and select the correct answer using the code given below the Lists:

List I (Place) (Mineral)

A. Lakwa 1. Copper

B. Malanjkhand 2. Petroleum

C. Kalakot 3. Zinc D. Zawar 4 Coal

Codes:

**A. ABCD** 3412

**B. ABCD** 3142

**C. ABCD** 2143

**D. ABCD** 2413

Marks:[4.00]

## Q.No.116: Which of the following are the major coral reef areas of India?

- 1. Gulf of Kachchh
- 2. Gulf of Mannar
- 3. Lakshadweep
- 4 Andaman and the Nicobar Islands

Select the correct answer using the code given below:

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

Q.No.117: Which of the following regions is/are NOT known for the cotton-textile industry?

- 1. Mumbai Pune region
- 2. Madurai Coimbatore region
- 3. Dhanbad Jamshedpur region
- 4 Indore Ujjain region

Select the correct answer using the code given below:

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

Marks:[4.00]

Q.No.118: Which of the following States does NOT have the Headquarters of any Railway Zone?

- A. Jharkhand
- B. Chhattisgarh
- C. Odisha
- D. Bihar

Marks:[4.00]

**Q.No.119:** Suppose a rod is given a negative charge by rubbing it with wool. Which of the following statements is correct in this case?

- **A.** The positive charges are transferred from rod to wool.
- **B.** The positive charges are transferred from wool to rod.
- **C.** The negative charges are transferred from rod to wool.
- **D.** The negative charges are transferred from wool to rod.

Marks:[4.00]

**Q.No.120:** Which of the following is the correct relation between frequency f and angular frequency  $\omega$ ?

- **A.**  $f = \pi \omega$
- **B.**  $\omega = 2\pi f$
- C.  $f = 2\omega/\pi$
- **D.**  $f = 2\pi\omega$

Marks:[4.00]

**Q.No.121:** A Kelvin thermometer and a Fahrenheit thermometer both give the same reading for a certain sample. What would be the corresponding reading in a Celsius thermometer?

**A.** 574

- **B.** 301
- **C.** 273
- **D.** 232

**Q.No.122:** If the potential difference applied to an X-ray tube is doubled while keeping the separation between the filament and the target as same, what will happen to the cut-off wavelength?

- A. Will remain the same
- **B.** Will be doubled
- C. Will be halved
- **D.** Will be four times of the original wavelength

Marks:[4.00]

**Q.No.123:** Which one of the following statements is true for the relation  $F=rac{Gm_1m_2}{r^2}$ ?

(All symbols have their usual meanings)

- **A.** The quantity G depends on the local value of g, acceleration due to gravity
- **B.** The quantity G is greatest at the surface of the Earth
- **C.** The quantity G is used only when earth is one of the two masses
- **D.** The quantity G is a universal constant

Marks:[4.00]

Q.No.124: Why is it difficult to measure the coefficient of expansion of a liquid than solid?

- A. Liquids tend to evaporate at all temperatures
- **B.** Liquids conduct more heat
- C. Liquids expand too much when heated
- D. Their containers also expand when heated

Marks:[4.00]

Q.No.125: Radon is

- A. an inert gas
- B. an artificial fibre
- C. an explosive
- **D.** a metal

Marks:[4.00]

Q.No.126: The chemical name of baking soda is

A. Na<sub>2</sub>CO<sub>3</sub>

- **B.** NaHCO<sub>3</sub>
- $\mathbf{C}$ . CaCO<sub>3</sub>
- D. NaOH

Q.No.127: Which of the following elements is used in pencil-lead?

- A. Zinc
- **B.** Lead
- **C.** Carbon (Graphite)
- **D.** Tin

Marks:[4.00]

Q.No.128: Who among the following is one of the authors of the book "Philosophy of the Bomb"?

- A. Bhagat Singh
- B. Jawaharlal Nehru
- C. Surya Sen
- **D.** Yashpal

Marks:[4.00]

Q.No.129: Which of the following statements about the Chittagong group is NOT correct?

- **A.** Its membership included a large number of youth including Ganesh Ghosh, Lokenath Baul and Anant Singh.
- **B.** Its leader Surya Sen had been a lawyer in Dhaka before joining the group.
- **C.** Surya Sen and his group were closely associated with Congress work in Chittagong.
- **D.** This group had prepared an action plan to occupy the armouries in Chittagong.

Marks:[4.00]

Q.No.130: Which of the following was a significant feature of the Quit India Movement?

- **A.** Women did not play an important role in the movement.
- **B.** Nasik in Maharashtra was an important regional base during the movement.
- C. It was marked by anti-zamindar violence.
- **D.** It was marked by the emergence of parallel governments in different parts of India.

Q.No.131: Which of the following characteristics does NOT describe the Khilafat movement?

- **A.** Mahatma Gandhi sought to link it to the Non-Cooperation movement.
- **B.** It was not supported by the Congress.
- **C.** It demanded that the Turkish Sultan must retain control over Muslim sacred spaces in the erstwhile Ottoman Empire.
- **D.** It was led by Muhammad Ali and Shaukat Ali.

Marks:[4.00]

Q.No.132: Which of the following was NOT a feature of railways in colonial India?

- **A.** The main purpose of the setting up of railways in India was to serve the interest of the empire.
- **B.** British capital investments were invited with 15% guaranteed interest to be paid if necessary from Indian revenues.
- **C.** The construction work disturbed ecology.
- **D.** The construction of the railways was planned in such a way that it connected the internal markets with the ports, but provided no interconnection between internal market cities.

Marks:[4.00]

**Q.No.133:** Which colonial administrator made the following declaration about the partition of Bengal in 1904? "Bengal united is a power. Bengal divided will pull in different ways. That is perfectly true and one of the merits of the scheme."

- A. Lord Curzon
- B. H.H. Risley
- **C.** Lord Minto
- D. Sir Lancelot Hare

Marks:[4.00]

Q.No.134: Who launched the Bardoli Satyagraha on 4th February, 1928?

- A. Mahatma Gandhi
- B. Vallabhbhai Patel
- C. Rajendra Prasad
- **D.** Kalyanji Mehta

Marks:[4.00]

**Q.No.135:** Which of the following Princely States did NOT support the Congress during the course of the Civil Disobedience Movement?

- **A.** Bhavnagar
- **B.** Mysore

- C. Junagadh
- **D.** Kathiawar

**Q.No.136:** Which of the following is a feature of thought and philosophy of the Kandukuri Veeresalingam?

- **A.** He believed that science and morality were unconnected to truth.
- **B.** He believed in universal education.
- **C.** He believed that language had no role in inculcating morality in students.
- **D.** He did not attempt to build a national consciousness on a cultural base.

Marks:[4.00]

**Q.No.137:** Name the calligrapher in Akbar's court who was honoured with the title "Zarrin Kalam" or Golden Pen.

- A. Abul Fazl
- B. Tansen
- C. Muhammad Husayn
- **D.** Muhammad Kasim

Marks:[4.00]

**Q.No.138:** Which of the following sections of the Golden Quadrilateral Highway in India is the longest in terms of route distance?

- A. Delhi Kolkata
- B. Kolkata Chennai
- C. Chennai Mumbai
- D. Mumbai Delhi

Marks:[4.00]

Q.No.139: Match List I with List II and select the correct answer using the code given below the Lists:

List I

(Classification of resources)

- A. Basic inexhaustible resource
- B. Conventional non-renewable resource
- C. Non-conventional renewable resource
- D. Non-conventional non-renewable

resource

Codes:

- A. ABCD
  - 3214
- B. ABCD

List II

(Example)

- 1. Hydel power
- 2. Coal
- 3. Solar energy
- 4. Natural gas

- 3124 **C. ABCD** 
  - 4123
- **D. ABCD** 4213

**Q.No.140:** Match List I with the List II and select the correct answer using the code given below the Lists:

List I List II
(Mineral deposit) (State)
A. Gypsum 1. Odisha
B Graphite 2. Gujarat

C. Fluorspar 3. Arunachal Pradesh

D Nickel 4. Rajasthan

Codes:

**A. ABCD** 1324

**B. ABCD** 1234

**C. ABCD** 4321

**D. ABCD** 4231

Marks:[4.00]

Q.No.141: Which of the following pairs of Tribes and States is NOT correctly matched?

A. Tharu:Madhya Pradesh

**B.** Adi:Arunachal Pradesh

C. Irula:Kerala

D. Shaharia: Rajasthan

Marks:[4.00]

**Q.No.142:** If the absolute refractive indices of glass and water are 3/2 and 4/3 respectively, what will be the ratio of the velocity of light in glass and water?

- **A.** 3:4
- **B.** 4:3
- **C.** 8:7
- **D.** 8:9

**Q.No.143:** A positive charge +q is placed at the centre of a hollow metallic sphere of inner radius a and outer radius b. The electric field at a distance r from the centre is denoted by E. In this regard, which of the following statements is correct?

- **A.** E = 0 for a < r < b
- **B.** E = 0 for r < a
- **C.** E =  $q/4\pi\epsilon 0r$  for a < r < b
- **D.** E = q/4πε0a for r < a

Marks:[4.00]

Q.No.144: Consider the following Indian states

- 1. Bihar
- 2. Rajasthan
- 3. Jammu and Kashmir
- 4. Haryana

Which of the following is the correct ascending order of the above states on the basis of the percentage of state's population to total population of India (based on census 2011)?

- **A.** 3 4 1 2
- **B.** 4 2 1 3
- **C.** 3 4 2 1
- **D.** 2 3 4 1

Marks:[4.00]

Q.No.145: Who among the following was the author of the Badshahnama?

- A. Abdul Hamid Lahori
- B. Abul Fazl
- C. Shah Jahan
- D. Sadullah Khan

Marks:[4.00]

Q.No.146: Which of the following statements about Fatehpur Sikri is NOT correct?

- A. It was located on the direct road to Ajmer.
- **B.** Akbar commissioned the building of a marble tomb for Sheikh Salim Chisti next to the Friday mosque at Fatehpur Sikri.
- **C.** The arched gateway or Bulund Darwaza was meant to remind visitors of the Mughal victory in Gujarat.
- **D.** In 1585, the capital of the Mughal emperor shifted from Fatehpur Sikri to Delhi.

Q.No.147: Which of the following cities hosted the 3rd World Trauma Congress recently?

- A. New Delhi
- B. Dacca
- C. Singapore
- **D.** Bangkok

Marks:[4.00]

Q.No.148: Which of the following is NOT one of the objectives of Act East Policy?

- **A.** To promote economic cooperation, cultural ties and develop a strategic relationship with countries in the Asia-Pacific region.
- **B.** To promote peace and amity with the neighbouring countries of Asia.
- **C.** To place emphasis on India-ASEAN cooperation in India's domestic agenda.
- **D.** To provide enhanced connectivity to the North-East of India.

Marks:[4.00]

**Q.No.149:** Arrange the following countries in ascending order on the basis of the total medals earned by them in Rio Olympic 2016:

- 1. The United States
- 2. China
- 3. Great Britain
- 4. Russia

Select the correct answer using the code given below:

- **A.** 1, 2, 3, 4
- **B.** 1, 3, 2, 4
- **C.** 4, 3, 2, 1
- **D.** 4, 3, 1, 2

Marks:[4.00]

Q.No.150: Which of the following is NOT an objective of the National Civil Aviation Policy, 2016?

- **A.** To establish an integrated ecosystem which will lead to significant growth of civil aviation sector.
- **B.** To promote tourism, increase employment and lead to a balanced regional growth.
- **C.** To ensure safety, security, and sustainability of all sectors through the use of technology.
- **D.** To enhance regional connectivity through fiscal support and infrastructure development.

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