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OSSSC
Forest Guard
Previous Year Paper
02 May, 2024 Shift 1





Odisha Sub-ordinate Staff
Selection Commission

(OSSSC), Govt. of Odisha

OSSSC EXAMINATION

CANDIDATE RESPONSE SHEET FOR THE POST OF LI,FORESTOR, FOREST GUARD

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Roll No.

Candidate Name

Exam Name : Livestock Inspector,Forester and Forest Guard

Test Date : 02 May 2024

Test Time : 09:00 AM

Centre

Correct Option selected Wrong Option selected Correct Option Not Answered

Section - I (English)

| | |
|-----------------------------------|---|
| Q.No: 1 | Choose the correct meaning of the idiom or phrase underlined in the sentence: The manager gave the <u>green light</u> for the new project. |
| Approved or authorised | |
| Signalled them to stop | |
| Requested for a pause | |
| Drove his car on the green signal | |

| | |
|----------------------------|--|
| Q.No: 2 | Read the following paragraph and then answer the questions given below by choosing the most appropriate option based on what is said in the paragraph: The Importance of Renewable Energy The transition to renewable energy sources is crucial for mitigating climate change and reducing dependence on finite fossil fuels. Unlike traditional energy sources, such as coal and oil, renewable energy, including solar and wind power, generates electricity with minimal environmental impact. The development of efficient and affordable renewable technologies is key to creating a sustainable energy future. Governments and businesses worldwide are increasingly investing in renewable energy initiatives to achieve environmental goals and ensure a cleaner and greener planet. What is the primary focus of the paragraph? |
| Traditional energy sources | |
| Renewable energy | |
| Efficient technologies | |
| Environmental impact | |

| | |
|---------|--|
| Q.No: 3 | Read the following paragraph and then answer the questions given below by choosing the most appropriate option based on what is said in the paragraph: |
|---------|--|

| | |
|--|---|
| | <p>The Importance of Renewable Energy</p> <p>The transition to renewable energy sources is crucial for mitigating climate change and reducing dependence on finite fossil fuels. Unlike traditional energy sources, such as coal and oil, renewable energy, including solar and wind power, generates electricity with minimal environmental impact. The development of efficient and affordable renewable technologies is key to creating a sustainable energy future. Governments and businesses worldwide are increasingly investing in renewable energy initiatives to achieve environmental goals and ensure a cleaner and greener planet.</p> <p>Why are governments and businesses worldwide investing in renewable energy initiatives?</p> |
| To promote dependence on finite fossil fuels | |
| To achieve environmental goals | |
| To ignore climate change | |
| To discourage sustainability | |

| | |
|-----------------------------------|--|
| Q.No: 4 | <p>Read the following paragraph and then answer the questions given below by choosing the most appropriate option based on what is said in the paragraph:</p> <p>The Importance of Renewable Energy</p> <p>The transition to renewable energy sources is crucial for mitigating climate change and reducing dependence on finite fossil fuels. Unlike traditional energy sources, such as coal and oil, renewable energy, including solar and wind power, generates electricity with minimal environmental impact. The development of efficient and affordable renewable technologies is key to creating a sustainable energy future. Governments and businesses worldwide are increasingly investing in renewable energy initiatives to achieve environmental goals and ensure a cleaner and greener planet.</p> <p>What does the paragraph suggest about the impact of renewable energy on the environment?</p> |
| High impact | |
| Minimal impact | |
| Dependence on finite fossil fuels | |
| No impact | |

| | |
|-----------------|---|
| Q.No: 5 | <p>In the sentence, "The cat__ which was black__ jumped onto the table" which punctuation mark is used to set off a non-essential clause?</p> |
| Quotation marks | |
| Comma | |
| Dash | |
| Parentheses | |

| | |
|------------|--|
| Q.No: 6 | <p>Choose the correct question tag from the four options given, that completes the sentence logically and grammatically:</p> <p>Nobody likes exams, _____?</p> |
| don't they | |
| do they | |
| does they | |
| does he | |

| | |
|---|---|
| Q.No: 7 | <p>The thief was caught by the police. (Change to active voice)</p> |
| The thief will be caught by the police. | |
| The thief caught by the police. | |
| The police are catching the thief. | |
| The police caught the thief. | |

| | |
|------------|-------------------------------------|
| Q.No: 8 | What does the word "admonish" mean? |
| Encourage | |
| Appreciate | |
| Scold | |
| Praise | |

| | |
|--------------|-------------------------------------|
| Q.No: 9 | What is the antonym of "Voracious"? |
| Ravenous | |
| Gluttonous | |
| Moderate | |
| Insatiable | |
| Not Answered | |

| | |
|-----------|---|
| Q.No: 10 | Choose the correct part of speech for the underlined word in the sentence. The car is <u>fast</u> and sleek. |
| Verb | |
| Adjective | |
| Noun | |
| Adverb | |

| | |
|------------------------------------|---|
| Q.No: 11 | In the following question, a sentence has been given in Active/Passive Voice. Out of the four alternative suggested, select the one which best expresses the same sentence in Passive/Active Voice. Do you imitate others? |
| Were others being imitated by you? | |
| Have others being imitated by you? | |
| Are others imitated by you? | |
| Are others imitating you? | |

| | |
|--------------|---|
| Q.No: 12 | Choose the most appropriate synonym for the underlined word in the given sentence. The <u>sordid</u> conditions of the slum prompted immediate action. |
| clean | |
| pleasant | |
| comfortable | |
| filthy | |
| Not Answered | |

| | |
|----------|---|
| Q.No: 13 | Choose the correct option that completes the sentence logically and grammatically: The children played happily _____ the playground. |
| with | |
| for | |
| on | |
| in | |

| | |
|----------|-------------------------------------|
| Q.No: 14 | What is the plural form of "index"? |
| indices | |
| index | |
| index's | |
| indexs | |

| | |
|-----------|---|
| Q.No: 15 | Choose the correct part of speech for the underlined word in the sentence. The <u>comedian</u> delivered a hilarious performance at the comedy club. |
| Noun | |
| Adverb | |
| Adjective | |
| Verb | |

| | |
|------------|---|
| Q.No: 16 | Fill in the blank with the correctly spelled word: The professor's lectures were so _____ that even the most attentive students struggled to stay awake. |
| Monotonous | |
| Monotenous | |
| Monotonus | |
| Monotonuos | |

| | |
|------------|--|
| Q.No: 17 | What is the present tense of the verb "to write" in the sentence? Tom (to write) _____ very well. |
| will write | |
| written | |
| writes | |
| wrote | |

| | |
|----------|--|
| Q.No: 18 | Choose the word that means "to give up or surrender, often reluctantly": |
| Persist | |
| Endure | |
| Yield | |
| Tolerate | |

| | |
|---|--|
| Q.No: 19 | What is the correct punctuation for the sentence? After the storm had passed the sun came out |
| After the storm had passed, the sun came out. | |
| After the storm had passed the, sun came out. | |
| After the storm, had passed the sun came out. | |
| After the storm had passed the sun, came out. | |

| | |
|----------|---|
| Q.No: 20 | Choose the correct option that completes the sentence logically and grammatically: She decided to pursue a career in medicine _____ of her passion for helping others. |
| and | |
| so | |
| because | |

but

Q.No: 21

Arrange the following jumbled sentence into a coherent order:

A. Chirp

B. Morning

C. The

D. Birds

E. In

F. Early

C-D-E-B-F-A

D-E-A-C-F-B

D-A-E-F-C-B

B-C-F-E-D-A

Q.No: 22

Choose the correct article in English grammar that completes the sentence:
Did you watch ____ fireworks last night?

a

an

the

No Article Required

Q.No: 23

What is the term for "a person who studies the Earth's atmosphere and weather"?

Meteorologist

Seismologist

Oceanographer

Climatologist

Q.No: 24

Identify the sentence in the present perfect continuous tense.

They were playing cricket when I arrived.

He has written several books already.

We have been waiting for you for an hour.

He works as a doctor in the hospital.

Q.No: 25

Choose the correct part of speech for the underlined word in the sentence.
The laughter echoed through the room.

Verb

Adverb

Adjective

Noun

| | |
|-----------------|---|
| Q.No: 26 | ଶିଶୁଟି ବିଭିନ୍ନ ପ୍ରକାର ହସ ହସିପାରେ । “ହସିପାରେ” କେଉଁ ପ୍ରକାର କ୍ରିୟା ? |
| ସକର୍ମକ କ୍ରିୟା | |
| ସମାପିକା କ୍ରିୟା | |
| ଅକର୍ମକ କ୍ରିୟା | |
| ଅସମାପିକା କ୍ରିୟା | |

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|----------|---|
| Q.No: 27 | ଗୋ + ଇନ୍ଦ୍ର = _____ ଶୂନ୍ୟ ସ୍ଥାନରେ ଉପଯୁକ୍ତ ସନ୍ଧି ଶବ୍ଦଟି ଲେଖ। |
| ଗବନ୍ଦ୍ର | |
| ଗବେନ୍ଦ୍ର | |
| ଗବାନ୍ଦ୍ର | |
| ଗବିନ୍ଦ୍ର | |

| | |
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| Q.No: 28 | ନିମ୍ନ ଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ‘ଆଖି’ ଶବ୍ଦର ପ୍ରତି ଶବ୍ଦ ନୁହେଁ ? |
| ନେତ୍ର | |
| ଅକ୍ଷି | |
| ପିତୁଳା | |
| କ୍ଷୟଶ | |

| | |
|----------|---|
| Q.No: 29 | ପୁନଃ + ଆଗମନ = _____ ନିମ୍ନ ଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ଠିକ ସନ୍ଧି ? |
| ପୁନରାଗମନ | |
| ପୁର୍ନଗମନ | |
| ପନର୍ଗମନ | |
| ପୁନର୍ଗମନ | |

| | |
|----------|--|
| Q.No: 30 | ‘ହସୁଛି’ କ୍ରିୟା ରୁ କାହାର ସୂଚନା ମିଳୁଛି ? |
| କାଳ | |
| ପୁରୁଷ | |
| ବଚନ | |
| ସମସ୍ତ | |

Q.No: 31 ନିମ୍ନରେ ପ୍ରଦତ୍ତ ସନ୍ଧି ପ୍ରକରଣ ଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଟି ଭୁଲ ?

ବ୍ରହ୍ମର୍ଷି = ବ୍ରହ୍ମ + ର୍ଷି

ହିମାଳୟ = ହିମ + ଆଳୟ

ଜଗଦୀଶ୍ଵର = ଜଗତ + ଈଶ୍ଵର

ନିର୍ଗତ = ନୀ + ଗତ

Q.No: 32 ଚାଉଳହଳ ପ୍ରେମର ପ୍ରତୀକ୍ଷା ଉକ୍ତିରେ 'ପ୍ରେମ' ପଦଟି କେଉଁ ପ୍ରକାର ବିଶେଷ୍ୟ?

ନାମବାଚକ ବିଶେଷ୍ୟ

କାର୍ତ୍ତିବାଚକ ବିଶେଷ୍ୟ

ଦସ୍ତ ବାଚକ ବିଶେଷ୍ୟ

ଗୁଣ ବାଚକ ବିଶେଷ୍ୟ

Q.No: 33 'ଅଲଗା କଥା' ର ସଠିକ ଅର୍ଥ କ'ଣ?

ସତ୍ୟ କଥା

ମୂଲ୍ୟହୀନ କଥା

ସିଧା କଥା

ବିଶୁଦ୍ଧ କଥା

Q.No: 34 ନିମ୍ନ ଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି 'ଆସ୍ତିକ' ଶବ୍ଦର ବିପରୀତ ଶବ୍ଦ ?

ବିଧର୍ମୀ

ଅନାସ୍ତିକ

ସ୍ଵସ୍ତିକ

ନାସ୍ତିକ

Q.No: 35 ଗୋପବନ୍ଧୁ ଚୌଧୁରୀଙ୍କୁ ଓଡ଼ିଶାର 'ଗାନ୍ଧିଜୀ' କୁହାଯାଏ । ଏଠାରେ 'ଗାନ୍ଧିଜୀ' କେଉଁ ପ୍ରକାର ବିଶେଷ୍ୟ ?

କ୍ରିୟା ବାଚକ ବିଶେଷ୍ୟ

ନାମ ବାଚକ ବିଶେଷ୍ୟ

ଗୁଣ ବାଚକ ବିଶେଷ୍ୟ

କାର୍ତ୍ତିବାଚକ ବିଶେଷ୍ୟ

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| Q.No: 36 | ଉପଯୁକ୍ତ ରୂପେ ଶୂନ୍ୟସ୍ଥାନ ପୂରଣ କର। ଆଜିର ଦରବୃଦ୍ଧି ସମୟରେ କେହି _____ ନାହିଁ । |
| ଗୋଡ଼ ଟାଣିବେ | |
| କମ୍ବଳରୁ ବାଳ ବାଛିବେ | |
| କଳାକନା ବୁଲାଇବେ | |
| ରଣ କରି ଘିଅ ଖାଇବେ | |

| | |
|----------|---|
| Q.No: 37 | ସ୍ଥର ଦର୍ଶନର ସାଙ୍କେତିକ ରୂପକୁ କ'ଣ କୁହନ୍ତି ? |
| ମାତ୍ରା | |
| ଫଳା | |
| ଧ୍ବନି | |
| ଅବ୍ୟୟ | |

| | |
|----------|--------------------------------------|
| Q.No: 38 | 'ଆକାଶ' ଶବ୍ଦ ତି କାହାର ପ୍ରତିଶବ୍ଦ ଲେଖ । |
| ହୁତାଶନ | |
| ବ୍ୟୋମ | |
| ଶିଖା | |
| ଖଗ | |

| | |
|-----------------------|--|
| Q.No: 39 | ଗୋଟିଏ ଚାଉଳରେ ଗଡ଼ା – ଏହି ରୂପେ କେଉଁ ଅର୍ଥ ପ୍ରକାଶ କରେ? |
| ଆଦୌ ଭାଙ୍ଗି ନଥିବା ଚାଉଳ | |
| ଅରୁଆ ଚାଉଳ ପରି ସଫା | |
| ଅତି ସୁନ୍ଦର | |
| ଚାଉଳ ପରି ନିଷ୍ପୁଣ | |

| | |
|------------------------------|---|
| Q.No: 40 | କୁହଡ଼ି ପହଁରିବା – ଏହା କେଉଁ ଅର୍ଥରେ ବ୍ୟବହୃତ? |
| କୁହୁଡ଼ିରେ ପହଁରିବା | |
| ଅସ୍ଥ ସମୟ ରହିବା | |
| କୁହୁଡ଼ି ଛାଡ଼ିବା ପାରେ ପହଁରିବା | |
| ବୃଥା ପରିଶ୍ରମ କରିବା | |

| | |
|----------|--|
| Q.No: 41 | ନିମ୍ନ ଲିଖିତ ମଧ୍ୟରୁ କେଉଁଟି ଶାସ୍ତ୍ରୀୟ ଭାରତୀୟ ଭାଷା ବୁଝେ ? |
| ସଂସ୍କୃତ | |
| ତେଲୁଗୁ | |
| ଓଡ଼ିଆ | |
| ମରାଠି | |

| | |
|----------|---|
| Q.No: 42 | ଉଦ୍ୟାନରେ ସୁଗନ୍ଧିତ ଫୁଲ ଫୁଟିଛି ଏହି ବାକ୍ୟରେ କେଉଁ ଶବ୍ଦଟି ବିଶେଷଣ ପଦ ଅଟେ? |
| ସୁଗନ୍ଧିତ | |
| ଫୁଲ | |
| ଫୁଟିଛି | |
| ଉଦ୍ୟାନ | |

| | |
|----------|--|
| Q.No: 43 | ନିମ୍ନ ଲିଖିତ ଶବ୍ଦ ଗୁଡ଼ିକ ମଧ୍ୟରୁ କେଉଁଥିରେ ଉପସର୍ଗ ବ୍ୟବହାର ହୋଇନାହିଁ? |
| ଅଭିନ | |
| ଉପକୂଳ | |
| ଆଗମନ | |
| ଅସ୍ଥିତା | |

| | |
|----------|---|
| Q.No: 44 | ନିମ୍ନରେ ପ୍ରଦତ୍ତ ଶବ୍ଦ ମଧ୍ୟରୁ କେଉଁଟି ଉପସର୍ଗ ? |
| କିନ୍ତୁ | |
| କିମ୍ବା | |
| ପ୍ରତି | |
| ଅଥବା | |

| | |
|-------------|--|
| Q.No: 45 | ପିଲାଟି ଏପରି _____ ଯେ, ଯାହା କହିବ, ତାହା କରିବ ଉପଯୁକ୍ତ ରୂପ ଦ୍ଵାରା ଶୂନ୍ୟ ସ୍ଥାନ ପୂରଣ କର |
| ନକ୍ଷୋତଦକ୍ଷା | |
| ଜିଦିଆ | |
| ଜିଦଖୋର | |
| ବିଗିତା | |

Q.No: 46 ଅବତରଣ – ଶବ୍ଦଟିର ଗଠନ ରୀତି ଦର୍ଶାଅ ।

ଆବ – ତର + ଅଣ

ଅବ – ତୃଅନ

ଅବତୃ + ଅଣ

ଅବ – ତୃ – ଅଣ

Q.No: 47 'ନିଶ୍ଚାସ' ର ବିପରୀତ ଶବ୍ଦ କ'ଣ?

ଅଶ୍ୱାସ

ଅଶଶ୍ୱାସ

ଶ୍ୱାସ

ପ୍ରଶ୍ୱାସ

Q.No: 48 ଯେଉଁ ବିଶେଷଣ ପଦ ବିଶେଷ୍ୟ ପଦର ସଂଖ୍ୟା ସୂଚାଏ, ତାହାକୁ କ'ଣ କୁହାଯାଏ ?

ଗୁଣବାଚକ ବିଶେଷଣ

ଅବସ୍ଥା ବାଚକ ବିଶେଷଣ

ସଂଖ୍ୟା ବାଚକ ବିଶେଷଣ

ପରିମାଣ ବାଚକ ବିଶେଷଣ

Q.No: 49 ମୁଖ ଉଚ୍ଚାରିତ ସାର୍ଥକ ଧ୍ୱନି ଗୁଡିକର ସମାହାରକୁ କ'ଣ କୁହାଯାଏ?

ଅର୍ଥ

ବର୍ଣ୍ଣ

ବାକ୍ୟ

ଶବ୍ଦ

Q.No: 50 ନିମ୍ନ ଲିଖିତ ପଦମାନଙ୍କ ମଧ୍ୟରୁ ଭିନ୍ନ ଶବ୍ଦଟିକୁ ବାଛି ।

ଦବୁଜ

ରକ୍ଷା

ଅକ୍ଷି

ଦୈତ୍ୟ

Section - III (Arithmetic)

| | | |
|----------|---|---|
| Q.No: 51 | The average of seven numbers is 45. If each number is multiplied by 4, what is the new average? | ସାତଟି ସଂଖ୍ୟାର ହାରାହାରି ନମ୍ବର 45 ହେଲେ ଯଦି ପ୍ରତି ସଂଖ୍ୟାକୁ 4ରେ ଗୁଣନ କରାଯାଏ, ତେବେ ନୂଆ ହାରାହାରି କେତେ ? |
| 180 | | 180 |
| 160 | | 160 |
| 2160 | | 2160 |
| 315 | | 315 |

| | | |
|----------|--|--|
| Q.No: 52 | A vendor bought 10 kgs of Wheat at Rs.25 per kg and 10 kgs of Rice at Rs.50 per kg. Then sells Wheat at 20% profit and Rice at 10% Loss. What is the combined selling price of both? | ଜଣେ ଦୋକାନୀ 10କି.ଗ୍ରା ଗହମ 25ଟଙ୍କା କି.ଗ୍ରା. ପ୍ରତି ଦରରେ ଓ 10କି.ଗ୍ରା. ଚାଉଳ 50ଟଙ୍କା କି.ଗ୍ରା. ପ୍ରତି ଦରରେ କିଣିଲା। ପୁଣି ଗହମକୁ 20% ଲାଭରେ ଓ ଚାଉଳକୁ 10% କ୍ଷତିରେ ବିକିଲା। ତେବେ ସମୁଦାୟ ବିକ୍ରି ମୂଲ୍ୟ କେତେ ? |
| Rs.600 | | Rs.600 |
| Rs.750 | | Rs.750 |
| Rs.850 | | Rs.850 |
| Rs.900 | | Rs.900 |


| | | |
|--------------|--|--|
| Q.No: 53 | If 1 letter are taken at random from the word HOMEOPATHY. What is the probability that it is an 'A'? | HOMEOPATHY ଶବ୍ଦରୁ ଯଦି ଗୋଟିଏ ଅକ୍ଷର ଅନିୟମିତ ଭାବେ ନିଆଯାଏ ତେବେ ଏହା 'A' ହେବାର ସମ୍ଭାବନା କେତେ ? |
| 1/5 | | 1/5 |
| 3/10 | | 3/10 |
| 2/5 | | 2/5 |
| 1/10 | | 1/10 |
| Not Answered | | |

| | | |
|-----------|---|--|
| Q.No: 54 | Balaji's age is 3 times his nephew's age. 10 years ago, he was 5 times his nephew's age. Find their present ages. | ବାଳାଜୀର ବର୍ଷ ତା' ପୁତୁରାର ବୟସଠାରୁ ତିନିଗୁଣ, 10ବର୍ଷ ପୂର୍ବରୁ ସେ ତା' ପୁତୁରାର ବୟସରୁ ପାଞ୍ଚଗୁଣ ଥିଲେ। ଉଭୟଙ୍କ ବର୍ତ୍ତମାନର ବୟସ ନିରୂପଣ କର । |
| 15 and 45 | | 15 ଓ 45 |
| 60 and 20 | | 60 ଓ 20 |
| 25 and 70 | | 25 ଓ 70 |
| 30 and 10 | | 30 ଓ 10 |

| | | |
|----------|---|---|
| Q.No: 55 | In a jar, the ratio of Black pens to Blue pens is 2:5. If there are 21 pens in total, how many Blue pens are there? | ଗୋଟିଏ ପାତ୍ରରେ କଳା ଓ ନୀଳ କଲମର ଅନୁପାତ 2:5, ଯଦି ସମୁଦାୟ 21ଟି କଲମ ଅଛି ତେବେ ନୀଳ କଲମ ସଂଖ୍ୟା କେତେ ? |
| 18 | | 18 |
| 15 | | 15 |
| 13 | | 13 |
| 10 | | 10 |

| | | |
|---------------|--|---|
| Q.No: 56 | X can do a piece of work in 40 days. He works at it for 8 days and then Y finished it in 16 days. How long will they together take to complete the work? | X ଗୋଟିଏ କାମକୁ 40 ଦିନରେ କରିପାରେ, ସେ 8 ଦିନ ଯାଏ କାମ କରେ ଓ Y ତାକୁ 16 ଦିନରେ ସାରିଦିଏ, ତେବେ ଦୁହେଁ ଏକାଠି ସେହି କାମ କେତେ ଦିନରେ ଶେଷ କରିବେ? |
| 14 days | | 14 ଦିନ |
| 15*(1/3) days | | 15*(1/3) ଦିନ |
| 13*(1/3) days | | 13*(1/3) ଦିନ |
| 16 days | | 16 ଦିନ |
| Not Answered | | |

| | | |
|-----------|--|--|
| Q.No: 57 | An amount of Rs.10,000 is invested at an annual interest rate of 8%, compounded annually. Calculate the compound interest after 2 years. | ଯଦି Rs. 10,000 ମୂଲ୍ୟର 8% ବାର୍ଷିକ ସ୍ଥୁଳ ଦରରେ ନିବେଶ କରାଯାଏ, ଯାହା ବାର୍ଷିକ ରୂପରେ ଚକ୍ରବୃଦ୍ଧି ହୋଇ ଦୁଇବର୍ଷ ପରେ ସ୍ଥୁଳ କେତେ ହେବ ? |
| Rs. 1,664 | | Rs. 1,664 |
| Rs. 1,250 | | Rs. 1,250 |
| Rs. 1,200 | | Rs. 1,200 |
| Rs. 1,600 | | Rs. 1,600 |

| | | |
|----------|--|---|
| Q.No: 58 | The mean of 19 numbers is 15. If the mean of the first 10 numbers is 17 and that of the last 10 numbers is 14, find the 10th number. | <div>  </div> <p>19 ଟି ସଂଖ୍ୟାର ମିନ୍ 15, ଯଦି ପ୍ରଥମ 10ସଂଖ୍ୟାର ମିନ୍ 17 ଆଉ ଅନ୍ତିମ 10ସଂଖ୍ୟାର ମିନ୍ 14, ତେବେ ଦଶମ ସଂଖ୍ୟା ନିରୂପଣ କର ।</p> |
| 15.5 | | 15.5 |
| 25 | | 25 |
| 24 | | 24 |
| 15 | | 15 |

| | | |
|----------|---|--|
| Q.No: 59 | If you randomly select a student from a class of 25 students, If there are 15 girls and 10 boys. what is the probability that the student is a boy? | ଯଦି ତୁମେ 25 ଛାତ୍ର ବିଶିଷ୍ଟ ଶ୍ରେଣୀରେ ଅନିୟମିତ ଭାବେ ଜଣେ ଛାତ୍ରକୁ ଚୟନ କରିବ, ଶ୍ରେଣୀରେ ଯଦି 15 ଛାତ୍ରୀ ଓ 10 ଛାତ୍ର ଅଛନ୍ତି, ତେବେ ଛାତ୍ର ହେବାର ସମ୍ଭାବନା କେତେ ? |
| 0 | | 0 |
| 1 | | 1 |
| 3/5 | | 3/5 |
| 2/5 | | 2/5 |

| | | |
|----------|--|--|
| Q.No: 60 | Find the Highest Common Factor (HCF) of 14 and 42. | 14 ଓ 42ର ଗରିଷ୍ଠ ସାଧାରଣ ଗୁଣନୀୟକ(HCF) କେତେ ? |
| 14 | | 14 |
| 2 | | 2 |
| 7 | | 7 |
| 6 | | 6 |

| | | |
|----------|--|---|
| Q.No: 61 | In a clearance sale, a curtain set worth Rs.6000 is sold for Rs.3600. What is the discount percentage? | ଏକ କିରାନ୍ତିରେ ବିକ୍ରି, ଏକ ପର୍ଦା ସେଟ୍ ଯାହାର ମୂଲ୍ୟ Rs. 6000 କୁ Rs. 3600 ମୂଲ୍ୟରେ ବିକ୍ରି କରାଯାଏ, ରିହାତି ହାର କେତେ ? |
| 40% | | 40% |
| 38% | | 38% |
| 36% | | 36% |
| 35% | | 35% |

| | | |
|----------|---------------------------------|------------------------------|
| Q.No: 62 | What is the LCM of 5, 8 and 10? | 5, 8 ଓ 10ର ଲସାଗୁ(LCM) କେତେ ? |
| 50 | | 50 |
| 10 | | 10 |
| 20 | | 20 |
| 40 | | 40 |

| | | |
|----------|--|-------------------|
| Q.No: 63 | Find the value : $4 - 3(2 - 3) + 3 \div 4 = \underline{\hspace{1cm}}$. | ମୂଲ୍ୟ ନିର୍ଣ୍ଣୟ କର |
| | | |
| | | |
| | | |

| | | |
|----------|--|--|
| Q.No: 64 | | |
| | | |
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| | | |

| | | |
|----------|---|--|
| Q.No: 65 | If the principal amount is Rs.2000, the interest rate is 3% per year compounded annually, and the time period is 2 years, what is the total amount after 2 years? | |
| | | |

| | |
|------------|------------|
| Rs. 2120 | Rs. 2120 |
| Rs. 2320 | Rs. 2320 |
| Rs. 2211.8 | Rs. 2211.8 |
| Rs. 2121.8 | Rs. 2121.8 |

| | | |
|----------|---|-------|
| Q.No: 66 | Which of these ratios is NOT equivalent to 4:5? | |
| 16:20 | | 16:20 |
| 8:10 | | 8:10 |
| 8:12 | | 8:12 |
| 20:25 | | 20:25 |

| | | |
|----------|---|--|
| Q.No: 67 | Few years ago Vijay was 12 years old. Now he is 19 years. How many years ago was he 12 years old? | |
| 9 years | | |
| 7 years | | |
| 8 years | | |
| 5 years | | |

| | | |
|----------|--|--|
| Q.No: 68 | | |
| | | |
| | | |
| | | |

| | | |
|----------------------|---|--|
| Q.No: 69 | A shopkeeper purchased 10 kgs of onions for Rs.480. He then sold them at the rate of Rs.40 per kg. Find the profit or loss percent per kg.(Approximate) | |
| 15.67% Loss per kg | | |
| 16.67% Loss per kg | | |
| 16.87% Profit per kg | | |
| 17.87% Profit per kg | | |

| | | |
|----------|--|--|
| Q.No: 70 | A can complete a job in 6 days, while B can complete the same job in 12 days. How long will they take together to finish it? | |
| 8 days | | |
| 12 days | | |
| 4 days | | |
| 6 days | | |

| | | |
|------------|--|------------|
| Q.No: 71 | The ratio between the speeds of two trains is 7:8. If the second train runs 400 km in 4 hours, then the speed of the first train is: | |
| 5.5 km/hr | | 5.5 km/hr |
| 12.5 km/hr | | 12.5 km/hr |
| 87.5 km/hr | | 87.5 km/hr |
| 80.5 km/hr | | 80.5 km/hr |

| | | |
|----------|--|-----|
| Q.No: 72 | If the cost price of an article is Rs.100 and the selling price is Rs.85, what is the loss percentage? | |
| 15% | | 15% |
| 17% | | 17% |
| 10% | | 10% |
| 12% | | 12% |

| | | |
|----------|--|--|
| Q.No: 73 | | |
| | | |
| | | |
| | | |

| | | |
|----------|---------------------|----|
| Q.No: 74 | What is 44% of 150? | |
| 72 | | 72 |
| 66 | | 66 |
| 78 | | 78 |
| 60 | | 60 |

| | | |
|------------|---|--|
| Q.No: 75 | A man drives his motorbike at the speed of 99 km/hour. How much time in hours will he take to drive 990kms? | |
| 1000 hours | | |
| 100 hours | | |
| 10 hours | | |
| 110 hours | | |

Section - IV (General Knowledge)

| | | |
|----------------------------------|-----------------------------|--|
| Q.No: 76 | Who or what is "Vyommitra"? | |
| ISRO's secondary space capsule | | |
| ISRO's humanoid robot | | |
| ISRO's first manned space flight | | |
| ISRO's space travel kit | | |

| | | |
|----------|--|--|
| Q.No: 77 | Animals that live on the sea floor are called _____. | |
| Benthos | | |
| Plankton | | |
| Nekton | | |
| Neuston | | |

| | | |
|---------------|--|--|
| Q.No: 78 | The headquarters of International Monetary fund is located in: | |
| New Delhi | | |
| New York | | |
| Washington DC | | |
| Geneva | | |

| | | |
|--------------------|---|--|
| Q.No: 79 | Which are the three branches of our democratic Government? The Legislative and the Judiciary are two them. Which is the third branch? | |
| The Prime Minister | | |
| The People | | |
| The Fourth Estate | | |
| The Executive | | |

| | | |
|-------------|--|--|
| Q.No: 80 | Which city will host the Olympics in 2024? | |
| Los Angeles | | |
| Tokyo | | |
| Paris | | |
| Landon | | |

| | | |
|------------------|--|--|
| Q.No: 81 | Who has been awarded the Nobel Peace Prize for the year 2023 ? | |
| Satyarth Kailash | | |
| Narges Mohammadi | | |
| Dalai Lama | | |
| Angela Markel | | |
| Not Answered | | |

| | | |
|----------------|--|--|
| Q.No: 82 | Which state is the largest producer of sugarcane in India? | |
| Punjab | | |
| Madhya Pradesh | | |
| Uttar Pradesh | | |
| Rajasthan | | |

| | | |
|-----------------|---|--|
| Q.No: 83 | Shravanabelagola in Karnataka is associated with: | |
| Jainism | | |
| Bhakti Movement | | |
| Judaism | | |
| Buddhism | | |

| | | |
|----------------------------------|---|--|
| Q.No: 84 | Kiran Mazumdar Shaw is associated with: | |
| Biological Inventions India Ltd. | | |
| Bio-Diversity India Ltd. | | |
| Human Genome Pvt. Ltd. | | |
| Biocon Limited | | |
| Not Answered | | |

| | | |
|----------|---|-------|
| Q.No: 85 | The second session of Indian National Congress was presided by _____. | _____ |
| | | |

| | |
|-----------------------|--|
| Badruddin Tyabji | |
| W. C. Banerjee | |
| Shri Dadabhai Naoroji | |
| George Yule | |

| | | |
|--------------|---|--|
| Q.No: 86 | 'Solanum tuberosum' is a scientific name of : | |
| Cabbage | | |
| Rice | | |
| Wheat | | |
| Potato | | |
| Not Answered | | |

| | | |
|-------------|---|--|
| Q.No: 87 | Where would you find the Hazara Rama temple in India? | |
| Ayodhya | | |
| Hampi | | |
| Srirangam | | |
| Kanyakumari | | |

| | | |
|-------------|---|--|
| Q.No: 88 | Which state in India has the longest coastline? | |
| West Bengal | | |
| Kerala | | |
| Karnataka | | |
| Gujarat | | |

| | | |
|----------|--|------|
| Q.No: 89 | CM Naveen Patnaik has extended the duration of the state food security scheme till ____. | |
| 2027 | | 2027 |
| 2026 | | 2026 |
| 2028 | | 2028 |
| 2025 | | 2025 |

| | | |
|------------|---|--|
| Q.No: 90 | Which of the following country DOES NOT share land boundary with India? | |
| Sri Lanka | | |
| Myanmar | | |
| China | | |
| Bangladesh | | |

| | | |
|---------------------------------|---------------------------|--|
| Q.No: 91 | March 8 is celebrated as? | |
| International Women's Day | | |
| International War Veteran's Day | | |
| International Earth Day | | |
| International Red Cross Day | | |

| | | |
|---|---------------------------------------|--|
| Q.No: 92 | Dalai Street in Mumbai is famous for: | |
| The Bombay Stock Exchange | | |
| The Headquarters of Reliance Industries | | |
| EXIM Bank | | |
| The Gateway of India | | |

| | | |
|---|--|--|
| Q.No: 93 | Which one of these does NOT cause water pollution? | |
| The construction of dams across rivers | | |
| Floating of dead bodies of cattle down the river | | |
| The removal of desirable substances from water-bodies. | | |
| The addition of undesirable substances to water-bodies. | | |

| | | |
|--------------------|---|--|
| Q.No: 94 | Who wrote the book "Annihilation of Caste"? | |
| Rajendra Prasad | | |
| Raja Ram Mohan Roy | | |
| B. R. Ambedkar | | |
| Mahatma Gandhi | | |

| | | |
|---------------|---|--|
| Q.No: 95 | Where is the Harish-Chandra Research Institution, an aided institution of the department of Atomic Energy, Government of India? | |
| Bihar | | |
| Rajasthan | | |
| Maharashtra | | |
| Uttar Pradesh | | |

| | | |
|----------------|---|--|
| Q.No: 96 | Which is the Smallest State in India in terms of land area? | |
| Madhya Pradesh | | |
| Andhra Pradesh | | |
| Goa | | |
| Rajasthan | | |

| | | |
|----------------------------|---|--|
| Q.No: 97 | Who went on a hunger strike demanding the formation of Andhra Pradesh as a state? | |
| Vallabhai Patel | | |
| Potti Sriramulu | | |
| Pingali Venkaiah | | |
| Tanguturi Prakasam Pantulu | | |

| | | |
|---------------|--|--|
| Q.No: 98 | Which of the following is a soil and rock type rich in iron and aluminium? | |
| Arid soil | | |
| Forest soil | | |
| Alluvial soil | | |
| Laterite soil | | |

| | | |
|-----------------------------|---|--|
| Q.No: 99 | What does the letter 'C' represent in Einstein's famous equation $E=mc^2$? | |
| Velocity of Air | | |
| Speed of Light | | |
| Distance travelled by Light | | |
| Weight of the air | | |
| Not Answered | | |

| | | |
|-----------|---|--|
| Q.No: 100 | 100 degrees in Celsius Scale is what degrees in Fahrenheit Scale? | |
| | | |
| | | |
| | | |

Section - V (Computer Knowledge)

| | | |
|-----------|--|--|
| Q.No: 101 | How many bits are added by full adder? | |
| Three | | |
| Four | | |
| Two | | |
| One | | |

| | | |
|-----------|--|--|
| Q.No: 102 | What is maximum number of columns that can be inserted in MS Word Table? | |
| | | |
| | | |
| | | |

| | | |
|-----------|---|--|
| Q.No: 103 | In Computer, the IC chips used are made up of : | |
| Lithium | | |
| Iron | | |
| Silicon | | |
| Copper | | |

| | | |
|------------------|---------------------------------|--|
| Q.No: 104 | Who invented the supercomputer? | |
| JH Van Tassell | | |
| Charles Ginsberg | | |
| Seymour Cray | | |
| Charles Babbage | | |

| | | |
|--------------|-------------------------------------|--|
| Q.No: 105 | Bold, Italic, Regular are known as? | |
| Text Effects | | |
| Font Sizes | | |
| Font Effects | | |
| | | |

| | |
|-------------|--|
| Font Styles | |
|-------------|--|

| | | |
|---------------------------------------|---|--|
| Q.No: 106 | What is a real-time operating system's (RTOS) main objective? | |
| Enhancing user identification | | |
| Meeting stringent timing requirements | | |
| Providing a user-friendly interface | | |
| Preventing unauthorized access | | |
| Not Answered | | |

| | | |
|---------------------|--|--|
| Q.No: 107 | The ability to combine name and addresses with a standard document is called : | |
| Form letters | | |
| Database management | | |
| Mail merge | | |
| Document formatting | | |

| | | |
|-----------|--|--|
| Q.No: 108 | Which of this is not a medium for email? | |
| Intranet | | |
| Paper | | |
| Extranet | | |
| Internet | | |

| | | |
|-----------|---|--|
| Q.No: 109 | Which unit converts computer data into human readable form? | |
| CU | | |
| ALU | | |
| Output | | |
| Input | | |

| | | |
|-----------|---------------------------|--|
| Q.No: 110 | IPV4 Address is ____ bit. | |
| | | |
| | | |
| | | |

| | | |
|-----------------------------|----------------------|--|
| Q.No: 111 | ALU stands for ____. | |
| Addition Logic Unit | | |
| Arithmetic Logarithmic Unit | | |
| Analog Logic Unit | | |
| Arithmetic Logic Unit | | |

| | | |
|-----------|---|--|
| Q.No: 112 | While sending an email ____ line describes the contents of the message. | |
| From | | |
| To | | |
| Subject | | |

| | |
|----|--|
| CC | |
|----|--|

| | | |
|--------------------|--|--|
| Q.No: 113 | Which is the fifth layer of Open System Interconnection model? | |
| Presentation layer | | |
| Session layer | | |
| Transport layer | | |
| Network layer | | |
| Not Answered | | |

| | | |
|---------------------------------------|--------------------------------|--|
| Q.No: 114 | What is the full form of IMAP? | |
| Internal Message Application Protocol | | |
| Internet Messaging Automated Protocol | | |
| Include Messaging Application Program | | |
| Internet Messaging Access Protocol | | |

| | | |
|-----------------------------|--|--|
| Q.No: 115 | In Excel, we can wrap the text in a cell by: | |
| formatting cells font | | |
| formatting cells number | | |
| formatting cells protection | | |
| formatting cells alignment | | |

| | | |
|------------|---|--|
| Q.No: 116 | _____ is a network security device that monitors incoming and outgoing network traffic. | |
| Formatting | | |
| Firewall | | |
| Virus | | |
| Mailer | | |

| | | |
|-----------|--|--|
| Q.No: 117 | Which of this is not used by intranet? | |
| | | |
| | | |
| | | |

| | | |
|-----------|--|--|
| Q.No: 118 | In 1969, ARPANET was developed by which country? | |
| USA | | |
| France | | |
| Russia | | |
| England | | |

| | | |
|-----------------|--|--|
| Q.No: 119 | What is a person called who uses a computer to cause harm to people or destroy critical systems? | |
| Cyber Terrorist | | |
| Hacker | | |
| Cyber Cracker | | |

| | |
|---------|--|
| Spammer | |
|---------|--|

| | | |
|-------------------------------|---|--|
| Q.No: 120 | In which type of the following OS, the response time is very crucial? | |
| Batch Operating System | | |
| Real Time Operating System | | |
| Network Time Operating System | | |
| Unix Operating System | | |

| | | |
|-------------------------------|---|--|
| Q.No: 121 | _____ provides a connection-oriented reliable service for sending messages. | |
| Internet Protocol | | |
| File Transfer Protocol | | |
| User Datagram Protocol | | |
| Transmission Control Protocol | | |

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| Q.No: 122 | Spam email is also known as _____. | |
| Spooof | | |
| Virus | | |
| Junk email | | |
| Draft mail | | |

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| Q.No: 123 | RATS stands for : | |
| Regression Array of Time Series | | |
| Regression Analysis Time Schedule | | |
| Regression Analysis of Time Series | | |
| Real Analysis of Time Series | | |
| Not Answered | | |

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| Q.No: 124 | The first computer network is _____. | |
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| Q.No: 125 | In MS office, which shortcut key is should to Open the font preferences window? | |
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Section - VI (General Science)

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| Q.No: 126 | What role does the placenta play in the growth of the embryo inside the body of the mother? | |
| Secreting hormones for fetal development | | |
| Providing structural support to the embryo | | |

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| Supplying nutrients from the mother's blood to the embryo | |
| Maintaining the shape of the uterus | |
| Not Answered | |

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| Q.No: 127 | Bile, produced by the liver and stored in | |
| Gallbladder | | |
| Kidney | | |
| Heart | | |
| Intestine | | |

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| Q.No: 128 | Silicon is used for making _____ | |
| Rubber | | |
| Plastic | | |
| Solar cell | | |
| Glass | | |

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| Q.No: 129 | What is the name of the law that relates voltage, current, and resistance? | |
| Ohm's Law | | |
| Kirchhoff's Voltage Law | | |
| Faraday's Law of Induction | | |
| Kirchhoff's Current Law | | |
| Not Answered | | |

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| Q.No: 130 | What is the best way to manage electronic waste (e-waste)? | |
| Dumping in water bodies | | |
| Recycling | | |
| Burying in the ground | | |
| Incineration | | |

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| Q.No: 131 | The heart has four chambers. Which of the following is NOT a chamber of the heart? | |
| Left ventricle | | |
| Right atrium | | |
| Centre atrium | | |
| Right ventricle | | |
| Not Answered | | |

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| Q.No: 132 | Which property allows light to travel in straight lines? | |
| Rectilinear Propagation | | |
| Refraction | | |
| Diffusion | | |
| Reflection | | |

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| Q.No: 133 | Which of the following pairs of elements represents a metal and a non-metal? | |
| Helium (He) and Neon (Ne) | | |
| Carbon (C) and Hydrogen (H) | | |
| Iron (Fe) and Sulfur (S) | | |
| Lead (Pb) and Chlorine (Cl) | | |

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| Q.No: 134 | Diamond and graphite are both forms of the same element called | |
| Magnesium | | |
| Carbon | | |
| Oxygen | | |
| Silicon | | |

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| Q.No: 135 | Kingdom Animalia is characterized by | |
| Presence of a true nervous system | | |
| Absence of true tissues | | |
| Presence of chlorophyll | | |
| Presence of cell walls | | |
| Not Answered | | |

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| Q.No: 136 | When an acid reacts with a base, a salt and water are formed. This reaction is called as: | |
| Decomposition reaction | | |
| Double displacement reaction | | |
| Redox reaction | | |
| Neutralization reaction | | |
| Not Answered | | |

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| Q.No: 137 | Which of the following groups of animals are invertebrates? | |
| Sponges | | |
| Reptiles | | |
| Birds | | |
| Mammals | | |

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| Q.No: 138 | What is the formula for calculating electrical power? | |
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| Not Answered | | |

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| Q.No: 139 | Which of the following substances can change to liquid when heated? | |
| Rice | | |
| Salt | | |
| Petrol | | |
| Cheese | | |

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| Q.No: 140 | Which of the following is an example for ferromagnetic substance? | |
| Iron | | |
| Chromium | | |
| Manganese | | |
| Aluminum | | |

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| Q.No: 141 | What is the role of heat energy in generating electricity in thermal power plants? | |
| Ignites fossil fuels | | |
| Directly powers electrical devices | | |
| Heats up water to produce steam | | |
| Cools down the turbine | | |

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| Q.No: 142 | Why are non-renewable fossil fuels, such as coal and petroleum, classified as non-renewable? | |
| They are expensive to extract | | |
| They are difficult to transport | | |
| They take millions of years to form | | |
| They pollute the environment | | |

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| Q.No: 143 | What is the protective fluid that surrounds and cushions the brain and spinal cord? | |
| Myelin | | |
| Bone marrow | | |
| Blood | | |
| Cerebrospinal fluid | | |

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| Q.No: 144 | What term describes the passing of traits from parents to offspring? | |
| Evolution | | |
| Adaptation | | |
| Heredity | | |
| Mutation | | |

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| Q.No: 145 | What is the main advantage of non-conventional energy sources compared to conventional ones? | |
| They are more sustainable and environmentally friendly. | | |
| They are less reliable and efficient. | | |
| They are cheaper to generate. | | |
| They are easier to transport and store. | | |

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| Q.No: 146 | Which of the following is an example of a hormone produced by the thyroid gland? | |
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| Insulin | |
| Testosterone | |
| Thyroxine | |
| Adrenaline | |

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| Q.No: 147 | A pH of 7 is considered neutral. A solution with a pH less than 7 is: | |
| Acidic | | |
| Saturated | | |
| Basic | | |
| Neutral | | |

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| Q.No: 148 | Which of the following is a form of asexual reproduction where organisms split into two or more identical offspring? | |
| Parthenogenesis | | |
| Budding | | |
| Fusion | | |
| Regeneration | | |

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| Q.No: 149 | Choose the option which is the main source of methane emissions contributing to the greenhouse effect? | |
| Industrial processes | | |
| Automobile emission | | |
| Burning fossil fuels | | |
| Agriculture | | |

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| Q.No: 150 | Which of the following metals will readily react with water at room temperature? | |
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