Psychology - Paper - 2 - SET - 1 [ODIA MEDIUM]

1. The appropriate method to study the behaviour of animals and mental patients.
   1. Introspection method
   2. Experimental method
   3. Longitudinal method
   4. Observation method

2. The Scientist who stated that the children are born with innate language abilities.
   1. Skinner
   2. Chomsky
   3. Bandura
   4. Watson
3. Not attending to the interview assuming that I will not get the job because thousands of people are attending to the interview for only very few jobs, adopted defence mechanism here is

1. Withdrawal
2. Regression
3. Reversing motive
4. Sublimation

4. A student is able to draw pictures efficiently without any training because of his.

1. Attitude
2. Aptitude
3. Interest
4. Experience
5. According to Gardner the intelligence possessed by sports men is.

1. Bodily kinaesthetic intelligence
2. Interpersonal intelligence
3. Naturalistic intelligence
4. Visual spacial intelligence

6. The painful emotional state created in a person as a result of contrasting desires.

1. Conflict
2. Stress
3. Frustration
4. Maladjustment
7. According to Erickson High School children face this psycho-social critical situation.
   1. Industry vs Inferiority
   2. Initiative vs Guilt
   3. Role Identity vs Role confusion
   4. Intimacy vs Isolation

8. According to Thorndike this part of the brain influences mechanical intelligence by controlling motor skills of a person.
   1. Diencephalon
   2. Fore Brain
   3. Hind Brain
   4. Mid Brain
9. In the stages of Human development this stage is called as 'Adjustment stage'

   1. Adulthood
   2. Middle age
   3. Adolescence
   4. Childhood

10. The child is habituated to drink milk through feeding bottle. When offered milk in a tumbler instead of feeding bottle first he tries his old way of drinking i.e., sucking, afterwards he picks up the new way of drinking. This cognitive process is called.

   1. Accommodation
   2. Assimilation
   3. Organization
   4. Equilibrium
11. Ramesh has to cross the river and go to neighbouring village to write exams. One day he is unable to attend the exam due to floods. The obstacle faced by Ramesh is.
   1. Social Environment obstacle
   2. Physical obstacle
   3. Physical Environment obstacle
   4. Mental obstacle

12. The play in which children do not share their play things but imitate one another and continue their play is known as.
   1. Solitary play
   2. Parallel play
   3. Social play
   4. Symbolic play
13. Sumanth learnt to play cricket, now he wants to learn computer. The type of transfer of learning in this context is
1. Positive transfer
2. Negative transfer
3. Zero transfer
4. Bilateral transfer

14. Ganesh learnt a list of 25 meaningless words in 20 attempts. After one month, when he was asked to relearn the same list, he took 14 attempts to learn. Saving score of Ganesh is

1. 30%
2. 40%
3. 60%
4. 70%
15. Sumalatha doesn’t know Sanskrit, but she can recite Sanskrit slokas in Bhagavatgeetha without any mistake. The memory of Sumalatha is

1. Passive Memory
2. Rote Memory
3. Logical Memory
4. Sensory Memory

16. Direct, Indirect, alternative and self reinforcement were proposed by

1. Bandura
2. Skinner
3. Pavlov
4. Vygotsky
17. Author of the book “Animal Intelligence: Experimental Studies”

1. Thurstone
2. Skinner
3. Thorndike
4. Kohler

18. In Pavlov experiment, the dog salivated only for the sound of the bell for which it was conditioned, but not salivating to other sounds. This is because of

1. Stimulus generalization
2. Stimulus discrimination
3. Extinction
4. Higher order conditioning
19. The first person who used teaching machines is

1. Pavlov
2. Thorndike
3. Pressey
4. Freud

20. Scaffolding means

1. Offering support
2. Prediction
3. Near
4. Making parts
21. One of the following is related to psychomotor domain

1. Imitation
2. Analysis
3. Responding
4. Valuing

ନିଭନ୍ଯୁ ଭାଣ୍ଡିକ ଚହୁନାକ୍ଷର ସଂଖ୍ୟେ ସଂହ୍ୟେ ସଂଖ୍ୟେ

1. ଚହୁନାକ୍ଷର
2. ଭାଣ୍ଡିକ
3. ସଂଖ୍ୟେ
4. ସଂୟେକନ ବିଜୀୟ

22. The most appropriate meaning of learning is

1. Acquisition of skill
2. Modification of behaviour
3. Personal adjustment
4. Gathering information

୍ରିକ୍ଷଣ ଯୂକ୍ଷତ୍ର ସଂହ୍ୟେ ସଂହ୍ୟେ ସଂହ୍ୟେ

1. ପସାକ୍ଷର ସାଇକ ବିତ୍ତି
2. ସାଇକ ବିତ୍ତି
3. ପାର୍ଥୀବ ସାଇକ୍ଷଣ
4. ବିତ୍ତି ସମୂହ
23. In the order of teaching to mentally-retarded, awarding points, money etc. is regarded as this type of reinforcement.

1. Social
2. Secondary
3. Primary
4. Natural

24. During Enquiry based learning, the student

1. Gives importance to product rather than process
2. Depends on teacher to get knowledge
3. Uses inquiry for learning
4. Depends on bookish knowledge
25. The correct statement with regard to opinions of Piaget and Bruner on teaching process is,

1. Piaget opines that there is no relation between teaching and maturity of the child.
2. Bruner opines maturity of the child is most important for teaching.
3. Bruner opines that there is no relation between teaching and maturity of the child.
4. There is no difference of opinion between Piaget and Bruner with regard to teaching and maturity of the child.
26. According to Bartlet, the leaders who possess special competency in a particular area and can show impact on a group though they have no relation with the members of the group are called as

1. Experts
2. Institutional leaders
3. Dominant leaders
4. Persuasive leaders

27. Right to expression belongs to this category of child rights

1. Right to participate
2. Right to Survive
3. Protection Rights
4. Right to develop
28. As per CCE the teacher responsible to teach Art and culture education is
1. Language Teacher
2. Mathematics Teacher
3. Physical Education Teacher
4. Science Teacher

CCE ଅନୁମାନକା ଓ ସଂସ୍କୃତି ରିକ୍ଷା, ସହ ସିବଫୁବ ସିବଫୁବ ଟିକି କନ୍ତାନ
1. ବାଷା ଟିକି
2. ଗଣିତ ଟିକି
3. ଫୟାଭୀକ ଟିକି
4. ଫିଜ୍ଞାନ ଟିକି

29. The following is not the concept of NCF- 2005 with regard to Languages
1. English should have a place on par with other Indian languages
2. Home language is not required
3. Preparation of subject wise dictionaries lessens the burden of the students.
4. Language is a source for enriching the social life.
30. The right of Education is
1. related to Access only
2. related to Enrollment and Access only
3. related to Access, Enrollment, Quality and Equity
4. related to Access, Enrollment and Quality only.

“ର୍ିକ୍ଷା ଏକ” ସଂ଩କିତ
1. ଓଡ଼ିଶା ଏକପାକୀ ସଂ଩କିତ
2. ଓଡ଼ିଶା ରବୟତା ଏଫଂ ନାଭ୍ରଖା ସଂ଩କିତ
3. ରବୟତା , ନାଭ୍ରଖା , ଗୁଣାତ୍ମକ ଏଫଂ ସଭାନତା ସଂ଩କିତ
4. ରବୟତା , ନାଭ୍ରଖା ଏଫଂ ଗୁଣାତ୍ମକ ସଂ଩କିତ
ନିଭନ ଩ଦ୍ୟାଂର୍ଟି ଩ଢ଼ି ଦିଅ ମା ଥିଫା (31 ଓ 32) ପ୍ରସ୍ତାବ ଠାଯା ଦିଇଯା ।
ଭାବ ଠାଯା ଟିଙ୍ଗୁରା ନାମା ଚିହ୍ନଟ କଯା, ଚିହ୍ନଟ ପର୍ନଯ ଚିହ୍ନଟ କଯା, ପର୍ନଯ ଚିହ୍ନଟ କଯା ବୁଣ୍ଡା କିଛି ।
ସୀତାଙ୍କ ଠାଯାରୁ ଅଭୃଦର୍ଯ ଭହି଱ାଭାନ ଏହି ଗୁଣ କିଙ୍ଗ କହିଛନ୍ତି ।

31. ପାପାଙ୍କ ଠାଯା ଆକାଶଗାଢ଼ ଚିହ୍ନଟ ଚିହ୍ନଟ ଏହି ଗୁଣାଙ୍କ କିଙ୍ଗ ପର୍ନଯ ସିଙ୍କାରାଇଥିବା ପର୍ନଯ -
   1. ଯର୍ମ
   2. କିଙ୍କୁର୍ମ
   3. ଜାଳ
   4. ଢର୍ମ

32. “ବୁଣ୍ଡା” ସଙ୍ଖୀତ ଠାଯା ।
   1. ବୁଣ୍ଡା
   2. ପିଙ୍କୁର୍ମ
   3. ବୁଣ୍ଡା
   4. ଢର୍ମ
ନିଭନ ଄ନୁୄେଦଟି ଩ଢ଼ି ଦିଅ ମା ଆଥିଫା (33 ଓ 34) ପ୍ରର୍ନଯ ଈତ୍ତଯ ଚିହ୍ନଟ କଯ ଂବା ଭହନୀ୞ ଗୁଣ ଏହା ଭନକୁ ନିଭଶ଱ ଓ ହୃଦ୞କୁ ପ୍ରରସ୍ତ କ୍ୟ ଭନଯୁ।

33. କିଛିତୁ ଗୁଣ , ଦେଇମଶୟଫା ଓ ଢିଜିତ ଲାକ -
   1. ସର୍ଷେ
   2. ସରଜା
   3. ସୁର୍ଗା
   4. ଗୁମ

34. ପଦିରାଙ କାଳଦେକ ରାଙ୍କ -
   1. ପଦିରାଙ୍କ
   2. ପଡ଼ାଙ୍କ
   3. ଜିରାଙ୍କ
   4. ପୋଦୁଙ୍କ

35. ପଦିରାଙ୍କ ପାଚି ଦେଇମଶୟଫା ଦିଃ
   1. ପାଚିକ
   2. ପାଚିଦାଙ୍କ
   3. ପାଚିକୁଙ୍କ
   4. ପାଚିକୁଙ୍କ
36. "କଫି ସମ୍ରାଟ" ଦିଆଯ ପଲି କଫି -
1. ଦୀନକୃଷ୍ଣ ଦାସ
2. କିଲାପ ଘଙ୍କେ
3. ବ୍ରଜନାଥ ଫଜଲାନୁରୁ
4. ବିଭନ୍ଯ ସାଭନ୍ତ ସିଂହାଯ

37. 'କହାବାଯତ' ଖଚ -
1. କହାବାଯତ
2. ଦାଗ
3. ଛାପୁପୁପୁ ଦାଗ
4. କହାବାଯତ

38. ଦାଗକୁ କହାବାଯତ ଦାଗକୁ କହାବାଯତ ଦାଗକୁ କହାବାଯତ ଦାଗକୁ କହାବାଯତ ଦାଗକୁ କହାବାଯତ ଦାଗକୁ କହାବାଯତ ଦାଗକୁ କହାବାଯତ -
1. ଦାଗକୁ କହାବାଯତ
2. ଦାଗକୁ କହାବାଯତ
3. ଦାଗକୁ କହାବାଯତ
4. ଦାଗକୁ କହାବାଯତ

39. ଜିଫିତ କହାଣୀ ଫର୍ନିତ ଗ୍ରନ୍ଥର ପରା କହାମାଇଥିରା -
1. ସରଙ୍ଗ ଦାସ
2. ସିଯାବକେପ ଦାସ
3. ମଙ୍ଗନାତକ ଦାସ
4. ସ଼ବଢ଼ ପ୍ରତିକ ଅଶୁତି
40. 'ଓଡ଼ିଅ ସାହିତ୍ୟ ସଭା' ସନାତନ କାରପ୍ରଫନ୍ଥ କାରପ୍ରଫନ୍ଥ ଏହାଙ୍କ ଅତ୍ମଜୀଫନୀ –

1. ରାଜରାଷ୍ଟ୍ର ଗାଢ୍ୟ
2. ପ୍ରଥମ ସିବିଲ୍
3. ସରକାରଟି ସହାସ୍ର
4. ସରକାରଟି ଚିହ୍ନଧାର

41. ଓଟିଶାରାତି୦୭ ତୁକ୍ତି ବିଭଳା –

1. କିରିକ
2. ପ୍ରିଯିଜ
3. ହିଜକ
4. ଫର୍ସ

42. ଛାବ ବାଷାର ବାହନ ବାହନ –

1. ବାହନ ବାହ
2. ବାହନ ବାହ
3. ବାହନ ବାହ
4. ବାହନ ବାହ

43. ଛାବ ବାଷାର ସକରିର ସକରିର ସକରିର –

1. ସକରିର ସକରିର
2. ସକରିର ସକରିର
3. ସକରିର ସକରିର
4. ସକରିର ସକରିର
44. ‘ନଦୀ’ ପରି ପଲାଦ ଏକ –

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45. ‘ର୍ବ୍ଦ ଏହି ର୍ବ୍ଦ ଦୁ଩ିଯ ସଙ୍ଖୀ’ –

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46. ‘ସଭା’ ଦିଇଟିତି ସହିତୀ –

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47. ‘ସୁତ୍ର - ଦୁତ୍ର’ ପରି ପ୍ରତି ବାଇରୀ ଏକୋତର ପାଳଣନାର –

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48. ‘ହଯି’ ଏହାର ଭୂଭାରତିକ ଟୁକି –

1. ଟାୟା, ଗୁଣର
2. ତୁଫୁ, ପିରୁ
3. ବୁଽନ୍ନି, ବୁୟୁନି
4. ବୁଯୁନି, ବୁଜୁ

49. କଣ୍ଠପତ୍ତିକ ବଣ୍ଡି ରାଢାରି ଲିଇ।

1. ପାରୋକ
2. ସିଗୁ
3. ଓଡରୁୱ
4. ଓପା଱ୋକ

50. ‘ଦ୍ୟାର’ – ସଭାଧିକାରି ପରାର ବଣ୍ଡି

1. ପିୟୁ
2. ପିଫୃତି
3. ପିୟୁ
4. ପିର୍ବଂରାଦ୍ର

51. ପୁରୁଣ ବଣ୍ଡି ତାହିରି ? – ଛନ୍ତ୍ର ବଣ୍ଡି –

1. ପିଟି ପୂରୁଣ ବଣ୍ଡି
2. ପିଫୃତି ପୂରୁଣ ବଣ୍ଡି
3. କାକେଶ ପୂରୁଣ ବଣ୍ଡି
4. ପିଟି ପୂରୁଣ ବଣ୍ଡି
52. ଓଡ଼ିଆରେ ବାଜର ଭାରିହାର ତିଥି ମୂଲ ମାଧ୍ୟ୍ମରେ ଏହା କୁହାମାଏ –

1. କାଁଧି ବାଣ
2. ପୋପା ବାଣ
3. ଟିଢିକ ବାଣ
4. ଟିଢିକ ବାଣ

53. ପ୍ରାଣିବ ସଭାତ୍ମକ ବଣି,
ଗରେ ବଣିବାରତରେ। – ଦରାବାରି ବଣି ବଣିବାରତରେ

1. କାବାପିତା
2. ଦାସଘାଟ
3. ତାଙ୍କ ବଣିବ
4. ମାହ୍ୟ୍ତ ବଣି

54. “ମାହ୍ୟ୍ତ – ମାହ୍ୟ୍ତ – ମାହ୍ୟ୍ତ – ମାହ୍ୟ୍ତ
ମାହ୍ୟ୍ତ – ମାହ୍ୟ୍ତ - ମାହ୍ୟ୍ତ – ମାହ୍ୟ୍ତ”। ଦରାବାରି ବଣି ବଣିବାରତରେ ବଣ
ବଣିବାରତରେ

1. କାବାପିତା
2. ଦାସଘାଟ
3. ତାଙ୍କ ବଣିବ
4. ମାହ୍ୟ୍ତ
Odia Methodology- Paper -II – Set – 1

55. ଫାଯ୍ୟଣ , ଧ୍ୱନି , ଯୂ ଩ , ର୍ବ୍ଦସମ୍ପ୍ଦ ଅଦି ବାଷାଯ ଫିବିନ୍ନ ଫିବାଗ ସହିତ ଩ଯିଚିତ ପାନ ବାଷାଯ ଫିବିନ୍ନ ଫିବାଗ ସହିତ ଍ନୁକଯଣ ଏହା ର୍ିକ୍ଷା କଯାମାଏ –

1. ଫାଯ୍ୟଣ ଧ୍ୱନି
2. ଭାଷାଗ୍ଯ ଧ୍ୱନି
3. ର୍ବ୍ଦସମ୍ପ୍ଦ ଧ୍ୱନି
4. ଚରିତ୍ରାଧାକ୍ଷ ଧ୍ୱନି

56. ଫାଯ୍ୟଣ ଧ୍ୱନି, ଫାଯ୍ୟଣ ଧ୍ୱନି ଏହାରେ ଫାଯ୍ୟଣ ଏହା କରିଥାଏ -

1. ଫାଯ୍ୟଣ ଧ୍ୱନି
2. ଫାଯ୍ୟଣ ଧ୍ୱନି
3. ଫାଯ୍ୟଣ ଧ୍ୱନି
4. ଫାଯ୍ୟଣ ଧ୍ୱନି

57. ଫାଯ୍ୟଣ ଧ୍ୱନି ଫାଯ୍ୟଣ ଧ୍ୱନି ଏହା ଫାଯ୍ୟଣ ଧ୍ୱନି -

1. ଫାଯ୍ୟଣ ଧ୍ୱନି
2. ଫାଯ୍ୟଣ ଧ୍ୱନି
3. ଫାଯ୍ୟଣ ଧ୍ୱନି
4. ଫାଯ୍ୟଣ ଧ୍ୱନି

58. ଶାରୀରିକ ଓର୍ଧି ଶାରୀରିକ ଓର୍ଧି -

1. ଶାରୀରିକ ଓର୍ଧି
2. ଶାରୀରିକ ଓର୍ଧି
3. ଶାରୀରିକ ଓର୍ଧି
4. ଶାରୀରିକ ଓର୍ଧି
59. ଖାର୍ଦ୍ଦାକ ଏହି ରିକ୍ଷାଦାନ ହାଇ ନାଂକୁ ଏହାଙ୍କେ -
1. ସଜେ
2. ସଜେ
3. ସଜେ
4. ସଜେ

60. ସାମାଜିକ ସ୍ୱଭାବ ସାଂପ୍ରତି ଅପେକ୍ଷାକୁ ପ୍ରକ୍ରିୟାୟ ହେଲୁ ଏହାଙ୍କୁ ଏହାଙ୍କେ -
1. ଓଡ଼ିଶା ପ୍ରଦେଶ
2. ଓଡ଼ିଶା ପ୍ରଦେଶ
3. ଓଡ଼ିଶା ପ୍ରଦେଶ
4. ଓଡ଼ିଶା ପ୍ରଦେଶ
61. Hari made an earth-shaking decision.
The synonym of 'earth-shaking' is:
1. valuable
2. dangerous
3. important
4. small

62. I finished my dinner. Then my father came.
The above sentences can be combined as:
1. As my father came in, I finished my dinner
2. After my father came, I finished my dinner
3. I finished my dinner, so my father came in
4. My father came in after I had finished my dinner

63. This is a beautiful story, ………………
Choose the correct question tag to complete this sentence

1. isn't this ?
2. isn't it ?
3. doesn't it ?
4. is this ?
64. The cow gives milk.
   The correct 'Yes / No' question of this sentence is:
   
   1. Is the cow gives milk ?
   2. Does the cow gives milk ?
   3. Does the cow give milk ?
   4. Did the cow give milk ?

65. Are you studying .......... for your exams ?
   Choose the grammatically correct form of the word to complete the meaning of the above sentence.
   
   1. Very serious
   2. Serious
   3. Seriously
   4. Seriousness

66. The contracted form of 'will not' is :
   
   1. wouldn't
   2. will not  ?
   3. won't ?
   4. ll'not  ?

67. The verb form of 'pretension' is:
   
   1. pretend
   2. pretene
   3. preten
   4. pretend
68. If there ………. trees, there would be no life on earth
Choose the grammatically and meaningfully correct expression to fill in the blank.

1. not were
2. was not
3. were no
4. are no

69. Raman passed away on November 21, 1970.
The meaning of 'passed away' is:
1. death
2. killed
3. was killed
4. died

70. Choose the word that means 'the study of the cultures of the past'.

1. Archaeology
2. Physiology
3. Psychology
4. Geology

71. Choose the sentence that has a defining relative clause.

1. Hari, who is my friend, has won the prize.
2. Swathi, who is my daughter, has passed the exam.
3. Mohan who came from Guntur stood first.
4. She said that she was good at English.
72. 'A person who hates women' is:

1. misogynist
2. fatalist
3. monogamy
4. ambiguous

73. I do not have enough clothes for my journey.
   This sentence expresses:
   1. capacity
   2. inadequacy
   3. doubt
   4. possibility

74. He goes to ........ school regularly.
   Choose the article that fits the context

   1. a
   2. an
   3. the
   4. No article is needed.

75. Seeing the police, the thief ran away.
   This sentence is:
   1. a compound sentence
   2. a conditional sentence
   3. a simple sentence
   4. a complex sentence
76. Choose the word with wrong spelling.

1. precocious
2. moustache
3. straight
4. vulger

[77–79] – Read the following passage and choose the correct answers to the questions given after

Journalists argue over functions of a newspaper. I feel that a provincial paper's purpose is not only to present and project the news objectively and imaginatively, but to help its readers to express themselves more articulate their demands. A newspaper should reflect the community it serves warts and all. When the mirror is held to society it reveals neglect, injustice, ignorance or complacency. It should help to eradicate them. It would be pretentious to think that a newspaper can change the course of world affairs – but at the local limit, it can exert influence, it can probe, it can help get things done. The individual's voice must not be stifled. Instead, the reader should be encouraged to express their opinions, fears, hopes and their grievances on this platform.

77. The following is the purpose of a newspaper.

1. To present facts in a blunt way
2. To encourage the readers to be pretentious
3. To project news objectively and imaginatively
4. To exert influences on the individuals.
78. The readers can air their grievances:

1. by writing to their local newspaper
2. by writing to local officials
3. by supporting the local newspaper
4. by being complacent

79. Choose the false statement.

1. Newspaper should help its readers to express themselves.
2. Newspapers should reflect the community it serves.
3. Newspapers should not stifle the individual's voice.
4. Journalists never argue over the functions of a newspaper.

80. He is not good. He is not kind.
These two sentences can be combined as:

1. He is neither good nor kind.
2. He is not good but kind.
3. He is good and kind.
4. He is either good or kind.

81. Choose the sentence that expresses ability.

1. She can pass the examination.
2. She will pass the examination.
3. She may help you.
4. She should help you.
82. I had scarcely put the phone down .......... it rang again.
Choose the correct word to complete the meaning of the sentence above.

1. later
2. than
3. when
4. then

83. Choose the word that can be used to write an adverbial clause of condition:

1. If
2. As
3. Since
4. Because

84. Choose the correct spelling of the word.

1. rejuvenate
2. rijivinate
3. rijuvenate
4. rejuvinate

85. 'Syllabification' means:

1. breaking a word into syllables
2. combining two syllables into one
3. removing vowel sounds from words
4. adding a consonant to every syllable
86. Choose the word that has the stress on the first syllable.

1. debate
2. downstairs
3. vibrate
4. electrical

87. The two main types of evaluation are

1. syllabus and Curriculum
2. descriptive and objective
3. deductive and inductive
4. formative and summative

88. Reinforcement is a skill that involves

1. revision and recognition
2. recalling and reordering
3. recapitulation
4. repetition, summarizing, probing questions, clarification and illustration.
89. (CLT) Communicative Language Teaching believes that

1. Language learning happens best when the atmosphere is relaxed and learner receives encouragement
2. Language learning happens when the atmosphere is rule based
3. Language learning happens best when the teacher dominates the class while teaching.
4. Language learning happens when reading is given top priority.

90. The king who commissioned scholars to translate the English Bible and write it in modern English is

1. King Herod
2. King Moses
3. King Joseph
4. King James
91. If $\sqrt{2} = 1.4142$ then the value of $\frac{\sqrt{2}-1}{\sqrt{2}+1}$ is equal to

$$\frac{\sqrt{2}-1}{\sqrt{2}+1}$$

1. 5.8232
2. 2.4142
3. 0.4142
4. 0.1718

92. A two digit number which is a square number and also a cube number is

1. 81
2. 64
3. 49
4. 27

93. In $BA \times B3 = 57A$, $BA$, $B3$ are two digit numbers and $57A$ is a 3 digit number then the value of $A + B$

$$BA \times B3 = 57A$$

1. 2
2. 5
3. 6
4. 7
94. If cost price of 6 articles is equal to selling price of 4 articles then the percentage of gain is

6 ଟି ଫସ୍ତୁଯ କ୍ରୟୁରୟ 4 ଟି ଫସ୍ତୁଯ ଫିକ୍ରୟୁରୟ ସେ ସଭାନ ୄେୄର ଶତକଡ଼ାର ରାବ

1. 12 $\frac{1}{2}$
2. 25%
3. 50%
4. 75%

95. In what time Rs. 800 amount to Rs. 882 at 5% per annum compounded annually is

ଫାର୍ଷିକ 5% ଚକ୍ରଫୃଦ୍ଧି ସୁଧ ଟ. 800 ଯ ସଭ୞୫ ଫା଩ାଆଁ ଅଫଶୟକ ସଭ୞

1. 2 ଜିବୁ
2. 1 $\frac{1}{2}$ ଜିବୁ
3. 1 ଜିବୁ
4. $\frac{1}{2}$ ଜିବୁ

96. If the 2nd term of an A.P is 13 and 5th term is 25 then its 7th term is

ଏକ ସଭାନ୍ତଯ ପ୍ରର୍ତିଯ 2୞ ଓ 5ଭ ସଭ୞ 25 ସଭ୞୫ ପ୍ରର୍ତିଯ 7ଭ ସଭ୞ ପ୍ରର୍ତିଯ

1. 30
2. 33
3. 37
4. 38
97. If \( \frac{1}{2} \) is a root of the equation \( x^2 + Kx - \frac{5}{4} = 0 \) then the value of \( K \) and second root respective are

1. \( \frac{1}{4} \) and 2
2. \( -2 \) and \( \frac{5}{2} \)
3. 2 and \( -\frac{5}{2} \)
4. \( \frac{1}{2} \) and 2

98. If \( \frac{x}{y} + \frac{y}{x} = -1 \) (\( x, y \neq 0 \)) then the value of \( x^3 - y^3 \) is

\( \frac{x}{y} + \frac{y}{x} = -1 \) (\( x, y \neq 0 \)) ହାପାବ \( x^3 - y^3 \) ପରିମୁଖ

1. 1
2. \(-1\)
3. 0
4. \( \frac{1}{2} \)
99. Let \( A = \{x \mid x \text{ is a multiple of 3 lies between 1 and 100}\} \)
    \( B = \{x \mid x \text{ is a prime number less than 20}\} \)
Then \( n(A) + n(B) \) is

\[
A = \{x \mid x \text{ is a multiple of 3 lies between 1 and 100}\} \\
B = \{x \mid x \text{ is a prime number less than 20}\}
\]

\[\text{Option}: \]
1. 33
2. 38
3. 40
4. 41

100. If Set ‘A’ has 64 subsets, then number of elements in Set ‘A’

\[
\text{Set ‘A’ has 64 subsets, then number of elements in Set ‘A’}
\]

\[\text{Option}: \]
1. 4
2. 6
3. 8
4. 32

101. The length of the diagonals of rhombus are 16cm and 12cm. Then the length of
the side of the rhombus is in cm.

\[
\text{The length of the diagonals of rhombus are 16cm and 12cm. Then the length of the side of the rhombus is in cm.}
\]

\[\text{Option}: \]
1. 8
2. 9
3. 10
4. 20
102. ΔABC ∼ ΔEDF and ΔABC is not similar to ΔDEF which of the following is not true.

ΔABC ∼ ΔEDF ଏହି ΔABC, ΔDEF ନର୍ତି ପରିବର୍ତ୍ତି

1. BC.EF = AC.FD
2. AB.EF = AC.DE
3. BC.DE = AB.EF
4. BC.DE = AB.FD

103. It is known that if \( x + y = 10 \) then \( x + y + z = 10+z \). The Euclid’s axiom that illustrates the statement is …

1. First Axiom
2. Second Axiom
3. Third Axiom
4. Fourth Axiom

\( x + y = 10 \)ଏହି \( x + y + z = 10+z \) ପରିବର୍ତ୍ତି କୁକୁକୁ ପ୍ରଥଭ ସ୍ୱୀକୃତି

1. ପ୍ରଥଭ ସ୍ୱୀକୃତି
2. ଦ୍ୱିତୀ୞ ସ୍ୱୀକୃତି
3. ତଘଟି ସ୍ୱୀକୃତି
4. ଚତୁଥଣ ସ୍ୱୀକୃତି
The Points A(9, 0) B(9, 6) C(−9, 6) and D(−9, 0) are the vertices of

1. Square
2. Rectangle
3. Rhombus
4. Trapezium

A(9, 0) B(9, 6) C(−9, 6) D(−9, 0) are the vertices of

1. Square
2. Rectangle
3. Rhombus
4. Trapezium

If line segment \( \overline{PQ} \) intersects Y-axis and X-axis at P and Q respectively. The mid-point of \( \overline{PQ} \) is (2, −5) then the co-ordinates of P and Q are respectively.

1. (0, −5) and (2, 0)
2. (2, 0) and (0, −5)
3. (0, 4) and (−10, 0)
4. (0, −10) and (4, 0)
106. If \( x > 0 \) and \( y < 0 \) then the point \((-x, y)\) is lies in quadrant is

1. Quadrant-I
2. Quadrant-II
3. Quadrant-III
4. Quadrant-IV

\( x > 0 \) and \( y < 0 \) ତଘକ \((-x, y)\) ସିଦ୍ଧିକ୍ଷକ ଘାଟ

1. ପ୍ରଥଭ ଘାଟ
2. ଦ୍ୱିତୀ୞ ଘାଟ
3. ତୃତୀୟ ଘାଟ
4. ଚତୁଥଣ ଘାଟ

107. The formula to find the lateral surface area of cylinder is

1. \( 2\pi rh \) sq. units
2. \( 2\pi r (h+r) \) sq. units
3. \( \pi r^2h \) sq. units
4. \( \pi rl \) sq. units

ପ୍ରଥଭ କର୍ତ୍ରକ ନିମନତନ ତରାର ନିଧାନ ଘାଟ

1. \( 2\pi rh \) ଘାଟ ଏକକ
2. \( 2\pi r (h+r) \) ଘାଟ ଏକକ
3. \( \pi r^2h \) ଘାଟ ଏକକ
4. \( \pi rl \) ଘାଟ ଏକକ
108. The length of the longest pole that can be placed in a room of dimensions 10m × 10m × 5m is in metres.

10m × 10m × 5m ଭା଩ ଫିଶିଷ୍ଟ ଏକ ୄକାଠଯୀୄଯ ଯଖ୍ାମାଆ଩ାଯିଫା ଦୀଘଣତଭ କାଠଯ ୄଦୈଘଣୟ

1. 10
2. 15
3. 20
4. 25

109. The base of right angled triangle is 8cm and hypotenuse 17cm then its area is in sq. cms.

ଏକ ସଭୄକାଣୀ ତ୍ରିବୁ ଜଯ ବୂ ଭି ୮ସ.ଭି. ସେବା ଜର୍ି ୦୭ ଋଣ.ରି. ଓଦା ଓଦା ଏକ ଏକୁବ୒ୟ ଜର୍ି

1. 60
2. 68
3. 120
4. 136

110. The mean of five numbers is 30, if one number is excluded, their mean becomes 28 then the excluded number is

଩ାଞ୍ଚଟି ସଂଖ୍ୟାଯ ସଭାନ୍ତଯ ଭଧ୍ୟକ ର୍ୁଡିକଯ ସଂଖ୍ୟା ୩୦, ଫାଦ୍ରି ଫ଱ଫା ତାରିଯା ଫରସା ଫାଦ୍ ଦିଅମାଆଥିଫା ସଂଖ୍ୟଟି

1. 28
2. 30
3. 35
4. 38
111. The median of a frequency distribution is found graphically with the help of
1. Histogram
2. Frequency Curve
3. Frequency Polygon
4. Ogive Curve

112. A bag contains 3 red balls, 5 white balls and 7 black balls then the probability that a ball drawn at random will be neither red nor black is

1. \( \frac{1}{5} \)
2. \( \frac{1}{3} \)
3. \( \frac{2}{3} \)
4. \( \frac{7}{15} \)
113. If \( \tan (A + B) = \sqrt{3} \) and \( \tan (A - B) = \frac{1}{\sqrt{3}} \) (A, B are acute) then the value of \( \tan 3A \)

\[ (\tan 3A \ \text{is undefined}) \]

1. 0
2. 1
3. -1
4. Not defined (অনির্দিষ্ট)

114. A pole stands vertically on the ground. 20m long rope tied from the top of vertical pole to a nail at a point on the ground. If the angle made by the rope with ground level is 30° then the height of the pole in meters is

\[ \frac{20 \sin 30^\circ}{\cos 30^\circ} = \frac{20}{\sqrt{3}} \]

1. 20
2. 10
3. \( 10\sqrt{3} \)
4. \( \frac{20}{\sqrt{3}} \)
Paper-II Set-I Maths Methodology

115. The author of the book “Data”
1. Pythagoras
2. Euclid
3. Thales
4. Archimedes

“ଡାଟା” ଗ୍ରନ୍ଥଯ ଯଚ୞ିତା
1. ପିଥାଗۆରஸ
data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAJgAAAgCAYAAAAOGmBhAAAABJRU5ErkJggg==
2. ଎କ୍ଲିଡ
3. ଠଳାର
data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAJgAAAgCAYAAAAOGmBhAAAABJRU5ErkJggg==
4. ଅକିସ୍୩ଦିବୁ

116. The academic standard relating to present Mathematics text book
1. Understanding
2. Application
3. Communication
4. Skill

ଚାପିତ ର୍ଣ୍ଣିତ ରାଟ୍ରାକ୍ୟ ସମ୍ପକିତ ଏକ ସିଭାନ
1. ପରିଚୟ
2. ସଂରକ୍ଷପାକ
3. ସିଭାନାମା
4. ଶିକ୍ଷକ
117. Limitation in Analytic Method
1. Long Procedure
2. Logical Method
3. Develops Heuristic attitude
4. Clarity in conceptual understanding

118. The software that doesn’t useful to Mathematics teaching and learning
1. Geogebra
2. Equation Grapher
3. Mathcad
4. Chemdraw
119. The question form that does not belong to objective type
1. Multiple choice
2. Essay type
3. Matching
4. Alternative responses

ଏମିରି ପ୍ରଶନଯୂ ଩ଟି ପ୍ରଶନ ୄେଣୀଯ ନୁୄେରୁ
1. ଜରିକଳ୍ପ ପ୍ରଶନ
2. ଢାଯି ପର୍ଯ୍ୟନ୍ତି ପ୍ରଶନ
3. ହରିକ୍ଷ
4. ଜିଲ୍ଦ ହରିକ୍ଷ

120. The plan that is not an internal part of instructional planning
1. Curriculum
2. Annual plan
3. Unit plan
4. Lesson plan

ଏମି ଶିଖାଶ୍ରୁପି ବିଭାଗ ଶିଖାକ୍ଷୀକ ପରିଚକ ବଣପରିକ ଭାଗକୁ
Physics Paper – 2 - SET – 1

121. The role of aeration in "waste water treatment plant" is to
1. change the odour
2. kill the germs
3. filter the waste material
4. break down the waste material faster

122. Solar eclipse occurs when
1. Shadow of moon falls on earth
2. Shadow of sun falls on earth
3. Shadow of moon falls on sun
4. Shadow of sun falls on moon
123. If the incident ray makes an angle of $37^\circ$ with the plane mirror, then the angle of reflection is

1. $37^\circ$
2. $53^\circ$
3. $127^\circ$
4. $0^\circ$

124. A magician during a show has placed a glass lens of refractive index 1.47 in a trough of liquid and made it to disappear. The refractive index of the liquid is

1. Equal to 1.47
2. More than 1.47
3. Less than 1.47
4. 0
125. Special design of aeroplane is to
1. Reduce static friction
2. Increase static friction
3. Reduce fluid friction
4. Increase fluid friction

126. Which of the following is a natural magnet.
1. Electromagnet
2. Alnico magnet
3. Load stone magnet
4. Neodymium magnet
127. Dry hydrogen chloride gas is not an acid, because it does not contain,
   1. Neutrons
   2. Hydrogens
   3. Hydrogen ions
   4. Hydroxyl ions

128. The incorrect statement regarding the reactivity of metals is
   1. Copper is unable to displace zinc from zinc sulphate
   2. Copper is unable to displace iron from iron sulphate
   3. Iron is unable to displace zinc from zinc sulphate
   4. Zinc is unable to displace copper from copper sulphate
129. The reaction in which a solid gets separated from the solution is
1. Neutralization reaction
2. Sublimation reaction
3. Precipitation reaction
4. Redox reaction

130. Which of the following sets of quantum numbers are not possible?

1. \( n = 1, \ l = 1, \ m_l = 0, \ m_s = + \frac{1}{2} \)
2. \( n = 1, \ l = 0, \ m_l = 0, \ m_s = + \frac{1}{2} \)
3. \( n = 2, \ l = 1, \ m_l = 1, \ m_s = + \frac{1}{2} \)
4. \( n = 2, \ l = 1, \ m_l = 0, \ m_s = + \frac{1}{2} \)

131. The incorrect pair among the following is
1. chalcogen - sulphur
2. halogen - chlorine
3. noble gas - oxygen
4. alkali metal - sodium
132. The one and only method available to extract highly reactive metals from their ores is
1. auto reduction
2. smelting
3. liqation
4. electrolysis
133. A carrier woman for colour blindness marries a normal man. Their children will be...
1. 50% girls are colour blind, All boys normal
2. 50% girls are carriers, 50% boys colour blind
3. All girls are normal, All boys colour blind
4. 50% girls, 50% boys colour blind

134. The organisms with hollow bones
1. Fishes
2. Frogs
3. Birds
4. Reptiles
135. Identify the pair of plants with complete flower
1. Ipomea and Cucumber
2. Datura and Cucumber
3. Cucumber and Hibiscus
4. Hibiscus and Ipomea

ନିୄଭନାକ୍ତ ଭଧ୍ୟଯୁ ସମ୍ପୂର୍ଣ୍ଣ ଩ୁଷ୍ପ ଫିଶିଷ୍ଟ ଈଦ୍ଭିଦ ୄମାଡ଼ିଟିକୁ ଚିହ୍ନଟ
1. ଖାଦ୍ୟମାଚିତା ଏବଂ ଦାତୁରି
2. ରୁଠରୁ ଏବଂ ଦାତୁରି
3. ଦାତୁରି ଏବଂ କାକୁଡ଼ି
4. କାକୁଡ଼ି ଏବଂ ଖାଦ୍ୟମାଚିତା

136. Pick out the disease caused by Bacteria
1. Mumps
2. Malaria
3. Tuberculosis
4. polio

ଫୀଜାଣୁ ଜନିତ ୄଯାର୍ଟିକୁ ଚିହ୍ନଟ
1. ର୍ାରୁ ଅ
2. ଭୟାରୁର୍ତି
3. ମକ୍ଷମା
4. ପାରିଓ
137. Pick out non secondary sexual character from the following
1. The organs to identify boys and girls
2. Growth of hair on chest
3. Growth of hair at the genital organs
4. Growth of breasts in girls

ନିୄଭନାକ୍ତ ଭଧ୍ୟଯୁ  ୄକଈଁଟି ଦ୍ୱିତୀ୞କ ରିଙ୍ଗୀ୞ ରେଣ ନୁୄେଁ
1. ଄ଙ୍ଗ ଦ୍ୱାଯା ତିତବୀର୍ଣ ଭୁ଄ ନ ଝି଄ ଚିହ୍ନଟ କଯିଫା
2. ସିବିଷ୍ଟି ଭେଢ କସିଵିଷ୍ଟିର୍ଭୃଟ
3. ଜନନ ଄ଙ୍ଗ୍ୟୁ ୄରାଭ ଫୃଦ୍ଧି ୄେଫା
4. ଫା଱ିକାଙ୍କ ସ୍ତନ ଫିକଶିତ ୄେଫା

138. In humans the equilibrium of the body is maintained by
1. Hands
2. Vestibular apparatus
3. Cochlea
4. Organ of Corti

ଭାନଫ ଶଯୀଯଯ ସଭତାଥିତି ନି୞ନ୍ତ୍ରଣ କଯିଫା ର୍ଠନ
1. ମାଣ ମାଣ ସିଭେକ ଭୁ଄ ନ ସିଭେକ ତିତିକ
2. ସିବିଷ୍ଟି ଭେଢ କସିଵିଷ୍ଟିର୍ଭୃଟ
3. ଜନନ ଅଙ୍ଗକଲ ରାଭ ଭେଢ କସିେପ୍ଣ
4. ଫା଱ିକାଙ୍କ ସ୍ତନ ଫିକଶିତ ୄେଫା
139. The worker bee in the honey comb is
1. Fertile Male
2. Sterile Male
3. Fertile Female
4. Sterile Female

ଭେୁଯାପଣାୄର ଭେଣା ଥିଫା ଥାନ
1. ପ୍ରଜନନେଭ ର୍ଷ ଭାେି
2. ଫନ୍ଧ୯ା ସ୍ତ୍ରୀ ଭାେି
3. ପ୍ରଜନନେଭ ଭାେି
4. ଫନ୍ଧ୯ା ସ୍ତ୍ରୀ ଭାେି

140. The low light intensity area in a fresh water lake is
1. Littoral zone
2. Euphotic zone
3. Profundal zone
4. Limnetic zone

ପ୍ରଜନନେଭ ର୍ଷ ଭାେି ରିଯାଞ୍ଚ଱ ରିତା୨ାବାଗର ରିତାବାଗା୨ର ଭାେି
141. The correct sequence in the formation of urine.

1. Tubular re-absorption → Glomerular filtration → Tubular secretion → Hypertonic Urine.

2. Tubular re-absorption → Tubular secretion → Glomerular filtration → Hypertonic Urine.

3. Glomerular filtration → Tubular re-absorption → Tubular secretion → Hypertonic Urine.

4. Glomerular filtration → Tubular secretion → Tubular re-absorption → Hypertonic Urine.
The circular DNA is present in
A) Bacteria  B) Mitochondria  C) Golgi  D) Plastids
1. A only
2. A and B
3. A, B and D
4. A, B and C

The method used to detect cancer is
1. ECG
2. MRI
3. ELISA
4. BIOPSY
Generally the embryosac in flowering plants will have
1. 6 cells and 6 nuclei
2. 6 cells and 7 nuclei
3. 7 cells and 7 nuclei
4. 7 cells and 8 nuclei

ঘাপালোঠঃ বাঁধা বেল ভবি লুলাখরা
1. ৬ টি কার্ষ এফং ৬ টি নারি লিথাই
2. ৬ টি কার্ষ এফং ৭ টি নারি লিথাই
3. ৭ টি কার্ষ এফং ৭ টি নারি লিথাই
4. ৭ টি কার্ষ এফং ৮ টি নারি লিথাই
Science Methodology- Paper -2 – Set - 1

145. One of the following is referred to empirical knowledge
1. Concepts
2. Principles
3. Theories
4. Facts

146. The more concrete experience than a demonstration is
1. Radio recording
2. Television
3. Study tours
4. Motionless films
147. One of the following is a self observation technique

1. Rating scales
2. Interviews
3. Check lists
4. Records

148. Study of Biological Sciences develop knowledge and curiosity and stimulates search for truth. The value inculcated through this is

1. Intellectual value
2. Moral value
3. Aesthetic value
4. Cultural value
149. One of the following is not the purpose of lesson plan
1. Teaching proceeds in systematic manner
2. Time is not wasted
3. Enhances self confidence of teacher
4. Teaching proceeds haphazardly

ନିଭନଯୁ ଩ାଠୟ ୄମାଜନା ଏବଂ ଗରାବାଲ ଭାବରେ ନୁହୁରୁ
1. ଶିୋଦାନ କ୍ରଭ ଩ଦ୍ଧତିୄଯ ୄୋଆଥାଏ
2. ସଭ୞ ଄଩ଚ୞ େୁଏ ନାେିଁ
3. ଶିେକଙ୍କ ଅତ୍ମଫିର୍ଶ୍ାସଯ ଫିକାଶ ଘୄଟ
4. ଶିୋଦାନ ମାେିତାେି ୄୋଆଥାଏ

150. Development of behavioural competencies through a group of experiences is
1. Core curriculum
2. Annual plan
3. Lesson plan
4. Unit plan

ଅଚଯଣ ସାଭଥଣୟକୁ ଫିକାଶ ଘଟାଈଥିଫା ଄ନୁବୂ ତିର୍ୁଡ଼ିକଯ ସଭିଷ୍ଟି େିଁ
1. ଅଭୌ଱ିକ ଩ାଠୟକ୍ରଭ
2. ଫାର୍ଷିକ ୄମାଜନା
3. ଩ାଠୟ ୄମାଜନା
4. ଏକକ ୄମାଜନା