

प्रश्नपत्रिका क्र.

904940

कोड : २०१

परीक्षा दिनांक : १४/१२/२०१४

माध्यम : इंग्रजी

महाराष्ट्र राज्य शिक्षक पात्रता परीक्षा
(MAHATET)

पेपर I (इ. १ली ते इ. ५वी)

वेळ : सकाळी १०.३० ते दुपारी १.००

बैठक क्रमांक

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एकूण गुण

१५०

एकूण पृष्ठे

२८

प्रश्नपत्रिका सोडविण्यापूर्वी कृपया खालील सूचना काळजीपूर्वक वाचा.

सूचना :

- प्रश्नपत्रिकेमध्ये सलग एकूण १५० प्रश्न असून ते सोडविण्यासाठी उमेदवारास अडीच तास वेळ देण्यात आलेला आहे. प्रत्येक प्रश्नास एक गुण आहे. सर्व प्रश्न सोडविणे आवश्यक आहे.
 - प्रत्येक प्रश्न वस्तुनिष्ठ स्वरूपाचा असून प्रश्नाच्या खाली उत्तराचे पर्याय दिलेले आहेत. उत्तर नोंदविताना चार पर्यायांपैकी बरोबर उत्तर असलेल्या पर्याय क्रमांकाच्या वर्तुळाला काळ्या/निळ्या शाईच्या बॉलपेनने पूर्णपणे रंगवून उत्तर देणे आवश्यक आहे. अर्धवट रंगवलेले वर्तुळ, खाडाखोड अथवा एकाच प्रश्नासाठी दोन उत्तरे दर्शविलेली असतील अशा उत्तरांना गुण दिले जाणार नाहीत. पेन्सिलीने नोंदविलेली उत्तरे तपासली जाणार नाहीत.
- प्रश्नपत्रिकेमध्ये खालीलप्रमाणे विषयनिहाय प्रश्न आहेत.
- | | | | |
|---|-----------------------------|----------|----------------|
| | | | माध्यम |
| • भाग - A : भाषा १ व २ | - प्रश्न-क्रमांक १ ते ६० | - ६० गुण | इंग्रजी, मराठी |
| • भाग - B : बालमानसशास्त्र व अध्यापनशास्त्र | - प्रश्न-क्रमांक ६१ ते ९० | - ३० गुण | इंग्रजी |
| • भाग - C : गणित | - प्रश्न-क्रमांक ९१ ते १२० | - ३० गुण | इंग्रजी |
| • भाग - D : परिसर अभ्यास | - प्रश्न-क्रमांक १२१ ते १५० | - ३० गुण | इंग्रजी |
- एकदा दिलेले उत्तर बदलता येणार नाही.
 - प्रश्नाला दिलेले पर्याय अचूक उत्तराच्या सदृश असतात. त्यामुळे सर्वात अचूक उत्तराच्या वर्तुळाला गिरविणे आवश्यक आहे, याची परीक्षार्थीने नोंद घ्यावी.
 - प्रत्यक्ष परीक्षा झाल्यानंतर एक आठवड्याचे आत संभाव्य उत्तरसूची जाहिर करण्यात येईल. प्रश्नपत्रिकेमधील प्रश्नांबाबत प्राप्त आक्षेपांनुसार कोणत्याही कारणामुळे प्रश्न (प्रश्न व पर्यायी उत्तरे) चुकीचे आहेत असे आढळल्यास व परिषदेच्या तज्ञ समितीने ते मान्य केल्यास ते प्रश्न रद्द करून उर्वरित प्रश्नांच्या गुणांवर आधारित तज्ञ समितीने निश्चित केलेल्या निश्चित सूत्रानुसार अचूक प्रश्नांच्या गुणांनुसार पात्रता जाहिर करण्यात येईल.
 - परीक्षार्थीने आपला बैठक क्रमांक त्यांना पुरविलेल्या प्रश्नपत्रिकेवर नोंदवावा.
 - प्रश्नपत्रिकेत कोणत्याही प्रश्नांच्या उत्तराची नोंद करू नये. उत्तरपत्रिकेचा, प्रश्नपत्रिकेचा कोणताही भाग वेगळ करू नये.
 - कच्चे काम करण्यासाठी प्रश्नपत्रिकेच्या शेवटच्या पानावर दिलेल्या कोऱ्या जागेचा वापर करावा.
 - परीक्षार्थीने प्रश्नपत्रिकेचा व उत्तरपत्रिकेचा क्रमांक स्वाक्षरी पटावर लिहिणे आवश्यक आहे.
 - परीक्षा प्रवेशपत्राची मागणी केल्यास पर्यवेक्षकास दाखवावे. प्रवेशपत्रात दुरुस्ती असल्यास ती करून / नसल्यास तसेच प्रवेशपत्र परीक्षेनंतर पर्यवेक्षकाकडे देऊन पोच घ्यावी व ही पोच पावती जपून ठेवावी.
 - उत्तरपत्रिका देताना उत्तरपत्रिकेची Carbonless प्रत परीक्षार्थीने परीक्षा झाल्यानंतर परत घेऊन स्वाक्षरी पटावर दुसरी स्वाक्षरी करावी. दुसरी स्वाक्षरी नसल्यास त्याने उत्तरपत्रिका पर्यवेक्षकाकडे दिलेली नाही असे समजण्यात येईल.
 - पर्यवेक्षकाच्या सूचनेशिवाय परीक्षागृह सोडू नये.
 - परीक्षार्थीने परीक्षा चालू असताना अथवा परीक्षा संपल्यानंतर परीक्षेसंबंधी कोणतेही साहित्य परीक्षागृहाबाहेर नेल्यास / नेल्याचे निदर्शनास आल्यास त्याची या परीक्षेतील उमेदवारी रद्द होईल. त्याचबरोबर त्यांचेविरुद्ध भारतीय दंडसंहिता (IPC) अंतर्गत कारवाई करण्यात येईल.

020200

PART - A : ENGLISH

1. The place where 'tiger' lives is called :
(1) convent (2) kennel (3) lair (4) stable
2. The 'Noun' form of 'Describe' is :
(1) Description (2) Distribution (3) Description (4) Description
3. Choose grammatically correct sentence from the given sentences :
(1) Please explain me the problem. (2) Please explain for me the problem.
(3) Please explain to me the problem. (4) Please explain with me the problem.
4. Complete the statement in the newspaper report under the following heading by choosing correct verb form from the alternatives :
A cup of coffee cuts risk of diabetes by 7% :
"An American study has shown that every extra cup of coffee _____ by 7%."
(1) had cut the risk of diabetes (2) will soon cut the risk of diabetes
(3) cut the risk of diabetes (4) cuts the risk of diabetes
5. The young one of the 'horse' is called :
(1) fawn (2) colt (3) cub (4) porkling
6. Rearrange given parts of the sentence so as to form the most complete meaningful sentence :
Ashoka was successful...
P – by the cruelty and horrors of war that he renounced it
Q – he was so disgusted
R – in this military operations
S – and alone among conquerors
(1) PSQR (2) QPRS (3) RSQP (4) SQPR
7. The cry of the 'owls' is called :
(1) hoot (2) croak (3) grunt (4) scream
8. Choose correctly spelt word from those given below :
(1) Hipocryen (2) Hypocrisy (3) Hippocrisy (4) Hypocrisy
9. Name 'Part of Speech' in the given sentence which is underlined :
"Generally beauty dwells in form."
(1) Common Noun (2) Proper Noun
(3) Collective Noun (4) Abstract Noun

10. Choose correct alternative from those given below :
"Sukumar was _____ first person to arrive."
 (1) a (2) an (3) no article (4) the
11. Choose correct preposition in the given sentence :
"The robbers broke _____ his shop and looted it."
 (1) in (2) open (3) into (4) no preposition
12. Choose correct 'Indirect Speech' of the given sentence :
Sayali said to Ketaki, "Let's take a taxi now".
 (1) Sayali suggested Ketaki that they should take a taxi then.
 (2) Sayali told Ketaki they should take a taxi now.
 (3) Sayali suggested Ketaki they should take a taxi then.
 (4) Sayali suggested Ketaki that we should take a taxi then.
13. Choose most correct 'Degree Sentence' from the given sentences :
 (1) Very few boys are so industrious as Abhijeet.
 (2) Shivaji was one of the greatest Kings.
 (3) Manali was more intelligent than any other women.
 (4) No other policies are as good as honesty.
14. Identify the underlined clause :
"Tell me why you did this."
 (1) Adjective Clause (2) Noun Clause
 (3) Adverb Clause of Time (4) Adverb Clause of Interrogation
15. Choose correct 'No sooner than' sentence of the given sentence :
"Kedar was frightened when the needle of the compass jumped."
 (1) No sooner was Kedar frightened than the needle of the compass jumped.
 (2) No sooner did Kedar frighten than the needle of the compass jumped.
 (3) No sooner did the needle of the compass jump than Kedar was frightened.
 (4) No sooner Kedar was frightened than the needle of the compass jumped.
16. Choose correct 'Passive Voice' sentence of the given sentence :
"Didn't the fire damage the house ?"
 (1) Didn't the house damaged by the fire ?
 (2) Was the house not damaged by the fire ?
 (3) Did the house not damaged by the fire ?
 (4) Were the house not damaged by the fire ?

17. Find out the part which has an error :
"He is very blind / to read / the smallest of prints. / No error."
 a b c d
 (1) d (2) c (3) b (4) a
18. Choose correct 'Synonym' of 'Nasty' :
 (1) unpleasant (2) natural (3) genuine (4) emotional
19. Choose 'Opposite' of 'Pertinent' :
 (1) extraneous (2) paltry (3) appropriate (4) pleasant
20. Choose one-word for the given :
"A man who dances to the tunes of his wife."
 (1) slave (2) chun (3) effeminate (4) henpecked
21. Choose correct 'Wh-Question' to get the underlined part as answer :
"Mrs. Chaitrali grew black lady rose in her garden."
 (1) What Mrs. Chaitrali grew in her garden ?
 (2) What were Mrs. Chaitrali grow in her garden ?
 (3) What did Mrs. Chaitrali grow in her garden ?
 (4) What was Mrs. Chaitrali grow in her garden ?
22. Choose correct alternative for the given :
"An insect which has many legs."
 (1) Verternate (2) Centipede (3) Mammal (4) Herbivores
23. Which of the following expresses the past perfect continuous tense ?
 (1) He is writing when there was a loud explosion.
 (2) He was writing when there was a loud explosion.
 (3) He had been writing when there was a loud explosion.
 (4) He had writing when there was a loud explosion.
24. Choose correct 'Yes/No type question' of the given sentence :
"Sanjay will have completed his journey."
 (1) Will Sanjay have completed his journey ?
 (2) Have Sanjay completed his journey ?
 (3) Have Sanjay will completed his journey ?
 (4) Will have Sanjay completed his journey ?
25. Identify figure of speech in the given line :
"O, my love's like the melodie."
 (1) Simile (2) Irony (3) Metaphor (4) Pun

*Read the following passage carefully and select the most correct answers of the given questions :
[Q. Nos. 26 to 30]*

The villager has customarily been very conservative in his attitude and approach. He is reluctant to change his traditional way of thinking and doing things. His attitude, in many respects, is : 'home-made is best'. For instance, most cattle-farmers in the villages, prefer to feed their cows and buffaloes with a home-mix comprising of local oil-cakes like mustard or cottonseed, pulses, jaggery, salt etc. It takes numerous visits, hard-convincing, daily trials and experiments to convince rural cattle farmer that compound feeds, scientifically formulated, improve yield of milk, without any incremental costs.

The old-age values and attitudes towards caste, creed, women, time and money take time to change. The villager has traditionally been a believer in the philosophy of Karma or Fate. He has found it more convenient to blame his economic destitution, poor living conditions, and straitened social status on 'Bhagya', 'Karma' or 'Fate'. The security that the villagers find in the 'status quo', acts as discentive to change and experiment, in the short run. Many of these antiquated attitudes, value system and outlooks are changing, due to improved levels of awareness and education. However, the rate of change is sluggish. Attitudes that have fossilised over the centuries, do take time to change.

26. What does the phrase 'home-made is best' imply ?
- (1) People should go in for Swadeshi because it is home-made.
 - (2) Change for the sake of change is not good.
 - (3) The best should not be discarded.
 - (4) Whatever is being practised is better than what is new.
27. When will you call a person conservative in his attitude and approach ?
- (1) When he would like to try out every new idea before accepting it.
 - (2) When he sticks to old ways of thinking and doing.
 - (3) When he solves his problems through tried out methods.
 - (4) When he imputes motives to change-agents.
28. What is the best method to convince average Indian Villager about the superiority of a new cattle-feed ?
- | | |
|-------------------------|--|
| (1) Home-visits | (2) Discussion |
| (3) Field Demonstration | (4) Distribution of related literature |

29. Which of the following is not the usual reason offered by an average Indian Villager for his poverty ?

- (1) It is a result of some of his bad deeds committed in this or the previous birth.
- (2) It is God's will.
- (3) It is because of his resistance to new ideas.
- (4) It is his destiny.

30. Why does a villager feel secure in maintaining 'status quo' ?

- (1) Because change is seldom for the better.
- (2) Because whatever is known should be the best.
- (3) Because of the imagined risk involved in trying a new approach.
- (4) Because too many people go without advising him.

PART - A : MARATHI

खालील उतारा वाचून त्याखालील प्रश्न-क्रमांक 31 ते 34ची उत्तरे पर्यायातून निवडा :

आजच्या काळात सामाजिक व आर्थिक विकासाचे साधन म्हणून शिक्षणाकडे पाहिले जाते. व्यक्ती व समाजात परिवर्तन घडवणारेही ते एक साधन मानले जाते. बर्ट्रान्ड रसेलनाही असेच वाटत होते, की शिक्षणाने व्यक्ती बदलेल आणि व्यक्ती बदलली की समाजही बदलेल. प्रारब्धवादी समाजव्यवस्थेला परिवर्तन कधीही मान्य नसते. स्थितिशीलता ही तिची आदिप्रेरणा असते. आधुनिक काळातील गतिमानता या स्थितिशीलतेला हादरा देते. गतिमानता हे आधुनिक काळाचे मानचिन्ह आहे. त्याचा परिणाम शिक्षणासारख्या एका महत्त्वाच्या घटकावरही झाला. डॉ. बाबासाहेब आंबेडकरांनी शिक्षण हे सामाजिक जाणिवेचे निर्माण करण्याचे साधन मानले.

शिक्षण हे माणसाला विचार देते. त्याच्या बुद्धीची जोपासना करते. त्याच्या अस्तित्वाची त्याला जाणीव करून देते. अस्तित्वाची जाणीव ही मानवी जीवनातील मूलभूत जाणीव आहे. डॉ. बाबासाहेब, तिचे महत्त्व पटवून देताना म्हणतात की, उपासमारिने शरीराचे पोषण कमी झाल्यास माणूस बलहीन होऊन अल्पायुषी होतो, तसेच शिक्षणाच्या अभावी तो निर्बुद्ध राहिल्यास जीवंतपणी दुसऱ्याचा गुलाम होतो.

31. आधुनिक काळाचे मानचिन्ह कोणते ?

- (1) परिवर्तन (2) स्थितिशीलता (3) गतिमानता (4) प्रारब्ध

32. मानवी जीवनातील मूलभूत जाणीव कोणती ?

- (1) बुद्धीची जोपासना (2) अस्तित्वाची जाणीव
(3) शिक्षणाची जाणीव (4) शरीराचे पोषण

33. शिक्षण हे खालीलपैकी कोणत्या प्रकारचे साधन नाही ?
- (1) स्थितिशीलतेचे (2) सामाजिक व आर्थिक विकासाचे
(3) व्यक्ती व सामाजिक परिवर्तनाचे (4) सामाजिक जाणिवा निर्माण करण्याचे
34. शिक्षणाच्या अभावी माणूस काय होईल ?
- (1) प्रारब्धवादी (2) अल्पायुषी (3) परिवर्तनवादी (4) दुसऱ्याचा गुलाम
35. 'ग्राह्य' शब्दाचा विरुद्धार्थी शब्द कोणता ?
- (1) त्याज्य (2) स्वीकारार्ह (3) गृहित (4) घेण्यास योग्य
36. "माधव भित्रा नाही." या वाक्याचे अर्थ न बदलता होणारे होकारार्थी वाक्य कोणते ?
- (1) माधव भित्रा आहे. (2) माधव शूर आहे.
(3) माधव शूर नाही, असे नाही. (4) माधव भ्याड आहे.
37. 'पिसू' या शब्दाचे योग्य अनेकवचन कोणते ?
- (1) पिसूवा (2) पिसे (3) पिसवा (4) पिसा
38. पुढीलपैकी कोणत्या वाक्यातील क्रियापद सकर्मक आहे ?
- (1) मी रस्त्यात पडलो. (2) आरोही लाडू खाते.
(3) आज भाऊबीज आहे. (4) सुनील उदया जाईल.
39. 'डोंगराएवढी हाव, तिळाएवढी धाव' या म्हणीचा योग्य अर्थ कोणता ?
- (1) खूप हाव असणे
(2) महत्वाकांक्षा असणे
(3) महत्वाकांक्षा मोठी पण ती पूर्ण करण्याची कुवत नसणे
(4) डोंगर व तिळाची तुलना करणे
40. "कोणी कोणास हसू नये." या वाक्यातील अधोरेखित सर्वनामाचा प्रकार कोणता ?
- (1) प्रश्नार्थक (2) दर्शक (3) संबंधी (4) अनिश्चित
41. पुढीलपैकी गुणविशेषणाचे उदाहरण कोणते ?
- (1) सर्व मुली (2) खूप लोक (3) काळा कुत्रा (4) दोन्ही भाऊ
42. "सारे बळ एकवटून त्याने आकाशात झेप घेतली." या वाक्याचा काळ ओळखा :
- (1) साधा भूतकाळ (2) साधा वर्तमानकाळ (3) पूर्ण भविष्यकाळ (4) पूर्ण वर्तमानकाळ
43. आई म्हणाली, "इच्छा असो-नसो, प्रपंच मांडला की माणूस आपोआपच स्वार्थी होतो." या वाक्यात किती विरामचिन्हे आली आहेत ?
- (1) दोन (2) तीन (3) चार (4) पाच

44. पुढीलपैकी प्रत्यय जोडून तयार झालेला शब्द ओळखा :
(1) उपहार (2) अवजड (3) प्रतिकार (4) झुबकेदार

45. 'पती' चा समानार्थी शब्द ओळखा :
(1) कांता (2) भर्ता (3) दारा (4) जाया

पुढील कविता वाचून त्याखालील प्रश्न-क्रमांक 46 ते 49ची उत्तरे पर्यायातून निवडा :

ओढाळ वासरु रानी आले फिरु
कळपाचा घेरु सोडूनिया ।

कानामध्ये वारे भरुनिया न्यारे
फेर धरी फिरे रानोमाळ ।

मोकाट मोकाट अफाट अफाट
वाटेल ती वाट धावू लागे ।

विसरुनी भान भूक नि तहान
पायाखाली रान घाली सारे ।

थकूनिया खूप सरता हरुप
आठवे कळप तयालागी ।

फिरु जाता मागे दूर जाऊ लागे
आणखीच भागे भटकत ।

पडता अंधारु लागले हंबरु
माय ! तू लेकरु शोधू येई !

46. वासरु केव्हा हंबरु लागले ?

(1) मोकाट धावताना (2) भूक तहान लागल्यावर
(3) अंधार पडू लागल्यावर (4) थकल्यानंतर

47. वासरु कळपातून कुठे गेले ?

(1) रानात (2) भरकटत दूर (3) गायीकडे (4) गोठ्यात

48. कवितेतील 'ओढाळ' शब्दाचा अर्थ काय ?

(1) बंदिस्त (2) उनाड (3) मोकळा (4) उत्साही

49. खूप थकल्यानंतर वासराला कशाची आठवण झाली ?

(1) भुकेची (2) तहानेची (3) गायीची (4) कळपाची

50. पुढीलपैकी शुद्ध शब्द ओळखा :

(1) चालिरिति (2) चालीरीती (3) चालीरिती (4) चालीरिति

51. पुढीलपैकी अर्थाच्या दृष्टीने गटात न बसणारा शब्द ओळखा :

(1) घमंड (2) गर्व (3) डौलदारपणा (4) अहंता

52. 'कोणालाही कळू न देता' या शब्दसमूहासाठी योग्य शब्द कोणता ?

(1) बिनतक्रार (2) बिनबोभाट (3) बिनधोक (4) बिनधास्त

53. "बँकेतील हिशोबात गडबड झाल्याचे मॅनेजरला कळाल्याने तेथील कारकुनाने"
योग्य वाक्प्रचार वापरून वाक्य पूर्ण करा.
- (1) तोंड घशी पाडणे (2) तोंडात शेण घालणे
(3) तोंड काळे करणे (4) तोंडचे पाणी पळणे
54. "तिने पतीला मोठ्या पानावर आंबोळ्या वाढल्या." या वाक्यातील अधोरेखित अव्यय कोणत्या प्रकारचे आहे ?
- (1) क्रियाविशेषण (2) उभयान्वयी (3) शब्दयोगी (4) केवलप्रयोगी
55. धाकट्या भावाला परीक्षेत कमी गुण मिळाल्यामुळे त्याला लिहिलेले पत्र कोणत्या प्रकारचे असेल ?
- (1) चौकशीपत्र (2) अभिनंदनपत्र (3) कौटुंबिक पत्र (4) तक्रार पत्र
56. 1998 साली परळी वैजनाथ येथे भरलेल्या 71व्या साहित्य संमेलनाचे अध्यक्ष कोण होते ?
- (1) द. मा. मिरासदार (2) वि. द. घाटे
(3) मारुती चितमपल्ली (4) ना. सं. इनामदार
57. मराठी भाषेतील 'आद्य चरित्रकार' म्हणून कोण ओळखले जाते ?
- (1) चक्रधर स्वामी (2) म्हाडुंभट (3) नागदेवाचार्य (4) आऊसा
58. पुढीलपैकी पुल्लिंगी शब्द ओळखा :
- (1) ग्रंथ (2) पोथी (3) पुस्तक (4) वही
59. 'केशवकुमार' या टोपणनावाने लेखन करणाऱ्या लेखकांचे नाव काय ?
- (1) प्र. के. अत्रे (2) कृ. के. दामले (3) रा. ग. गडकरी (4) वि. वा. शिरवाडकर
60. पुढीलपैकी कोणता वर्ण कठोर वर्ण आहे ?
- (1) प् (2) ब् (3) भ् (4) ध्

PART - B : CHILD PSYCHOLOGY AND PEDAGOGY

61. Which is the correct alternative of the correct pairs of psychologists and their definitions of psychology ?

| Psychologists | - | Definition |
|---|---|--|
| (A) Aristotle | - | (i) Science of Consciousness |
| (B) McDougal | - | (ii) Science of Human and Animal Behaviour |
| (C) William Wundt | - | (iii) Science of the Soul |
| (D) Morgan, King, Robbins | - | (iv) Empirical and Descriptive Science of human mind |
| <p>(1) (A) - (iii), (B) - (iv), (C) - (i), (D) - (ii)</p> <p>(2) (A) - (iv), (B) - (ii), (C) - (iii), (D) - (i)</p> <p>(3) (A) - (i), (B) - (iii), (C) - (ii), (D) - (iv)</p> <p>(4) (A) - (ii), (B) - (iv), (C) - (i), (D) - (iii)</p> | | |

62. Which of the following are the correct limitations of Experimental Method ?
- (A) The internal factors of the subject are controlled.
 - (B) This method is costly and time consuming.
 - (C) There is possibility of artificial response.
 - (D) The experimenter should be an expert.
- (1) (A), (B) and (D) only (2) (A), (B) and (C) only
(3) (B), (C) and (D) only (4) (A), (B), (C) and (D)
63. Which of the following are correct characteristics of education process ?
- (A) Education is a tricentred process.
 - (B) Education is a spontaneous process.
 - (C) Education is a natural and casual process.
 - (D) Education is a continuous process.
- (1) (A), (B) and (C) only (2) (B), (C) and (D) only
(3) (A), (C) and (D) only (4) (A), (B), (C) and (D)
64. "One step at a time, immediate verification and active response." Programmed learning having these above principles is based on which of the following theories ?
- (1) Classical Conditioning Theory (2) Trial and Error Theory
 - (3) Operant Conditioning Theory (4) Theory of Learning by Insight
65. Which of the following things are necessary that a teacher should do for the development of children in the stage of later childhood ?
- (A) Improve handwriting
 - (B) Recitation with correct and proper pronunciations
 - (C) Give personal responsibility of the work without formation of groups.
 - (D) Plan activities to increase creativity of the children.
- (1) (A), (B), (C) and (D) (2) (A), (B) and (D)
(3) (B), (C) and (D) (4) (A), (B) and (C)

66. Which of the following things done by a teacher will be helpful for the children with very superior intelligence ?
- (A) Give admission in upper standard by skipping one standard.
 (B) Increase their participation in class teaching.
 (C) Prepare separate curriculum
 (D) Start summer schools
- (1) (A), (B) and (D) only (2) (B), (C) and (D) only
 (3) (A), (C) and (D) only (4) (A), (B), (C) and (D)
67. Which of the following statements are true about Trial and Error Method ?
- (A) Progress is slow when this method is used for learning.
 (B) More efforts are done due to unnecessary movements.
 (C) Many times success obtained by this method is purely by chance.
 (D) Acquired skills are easily transferred to other situations.
- (1) (A), (B) and (D) only (2) (B), (C) and (D) only
 (3) (A), (B) and (C) only (4) (A), (B), (C) and (D)
68. Which of the following is a correct pair of factors of Emotional Intelligence and its specification ?
- (A) Self Awareness – (i) Recognize one's strengths
 (B) Self Motivation – (ii) Keep Co-ordination
 (C) Emotional Awareness – (iii) Power that forces to work
 (D) Social Skills – (iv) To blend with the role of another person
- (1) (A) – (i), (B) – (iv), (C) – (ii), (D) – (iii)
 (2) (A) – (i), (B) – (iii), (C) – (iv), (D) – (ii)
 (3) (A) – (iv), (B) – (i), (C) – (ii), (D) – (iii)
 (4) (A) – (i), (B) – (ii), (C) – (iii), (D) – (iv)
69. Which of the following factors has been emphasized by William James when he defined intelligence ?
- (1) Adaptation to Novel Situation
 (2) Application of Thoughts
 (3) Synthesis of Broken Parts
 (4) Joint Organisation of Learning Competencies

70. Which of the following statements are true about perception and imagery ?
- (A) Perception is subjective while imagery is objective.
 (B) Imagery is copy of perception.
 (C) Perception is always 'Whole' but imagery is of 'bits and pieces' type.
 (D) Imagery is more unstable than perception.
- (1) (A), (B) and (C) only (2) (A), (C) and (D) only
 (3) (B), (C) and (D) only (4) (A), (B), (C) and (D)
71. Which of the following statements are true about Advance Organiser Model of Teaching ?
- (A) Advance Organiser Model is also called as Lecture Model of Teaching.
 (B) A point can be interpreted and explained.
 (C) The objective is explained after the Advance Organiser Model is presented.
 (D) Unnecessary part of the old information is omitted.
- (1) (A) and (B) only (2) (B) and (D) only
 (3) (B) and (C) only (4) (A) and (D) only
72. Which of the following psychologists said that transfer of training is dependent not just on identical components but also emphasized that it is based on acquisition of some broad principles and generalising them ?
- (1) W. C. Bagley (2) C. H. Judd (3) Thorndike (4) Jerome Bruner
73. *"Students who have an aesthetic sense and are neat and tidy during the period of art and craft, throw waste paper all over the classroom once the period is over."*
 This statement is related to which theory of transfer of training ?
- (1) Theory of Identical Elements (2) Theory of Bilateral Transfer
 (3) Theory of Generalisation (4) Theory of Ideals
74. *"Forgetting is an important process."*
 Which of the following statements are true about forgetting ?
- (A) If various things are done in the interval after studying, then we tend to forget study.
 (B) Proper recall and recognition have a positive effect on forgetting.
 (C) Sleeping after studying leads to forgetting.
 (D) Conscious repression leads to forgetting.
- (1) (A) and (B) only (2) (A) and (C) only
 (3) (A) and (D) only (4) (C) and (D) only

75. *"The success of teaching depends upon the amount of motivation created while teaching, that means learning is dependant on motivation."*

This statement is proved by which of the following statements ?

- (A) Motivation is a power and it gives a direction to behaviour.
- (B) Motivation includes continuity, direction, variety, selection and stability.
- (C) Any motivation is fulfilled by one way only.
- (D) Motivation helps in maintaining physical and mental balance.

- (1) (B), (C) and (D) only (2) (A), (B) and (D) only
- (3) (A), (B) and (C) only (4) (A), (C) and (D) only

76. *"A person remembers a poem taught by his teacher in his childhood or remembers an event as it was after many years."*

This is an example of which type of imagination ?

- (1) Constructive Imagination (2) Imitative Imagination
- (3) Fantastic Imagination (4) Reproductive Imagination

77. Which is the correct sequence of the steps of concept formation ?

- (A) Getting actual knowledge of a thing or animal
- (B) Generalisation of Characteristics
- (C) Awareness of Characteristics
- (D) Formation of Concept
- (E) Giving Abstract Form

- (1) (A), (C), (D), (B), (E) (2) (A), (C), (B), (E), (D)
- (3) (A), (B), (C), (D), (E) (4) (A), (D), (C), (B), (E)

78. Which of the following statements are true about transfer of learning ?

- (A) Once the mental powers are developed, transfer of learning occurs automatically.
- (B) When one activity is practised then the other activity does not become easy.
- (C) Greater the similarity between two situations, greater is the transfer of learning.
- (D) Transfer of learning requires the action to be purposeful and goal directed.

- (1) (A), (B), (C) and (D) (2) (B), (C) and (D) only
- (3) (A), (C) and (D) only (4) (A), (B) and (C) only

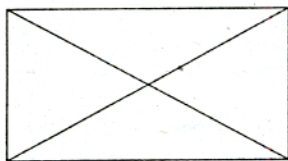
79. Which of the following statement is not correct about Lecture Method ?
- (1) Attention is centralised.
 - (2) Lot of information can be provided in minimum time period.
 - (3) Method used for explaining principles, theorems and difficult topics.
 - (4) Rare information can be given easily.
80. Which of the following are the Laws of Heredity ?
- (A) Law of Similarity
 - (B) Law of Variation
 - (C) Law of Repetition
 - (D) Law of Regression
- (1) (B), (C) and (D) only
 - (2) (A), (C) and (D) only
 - (3) (A), (B) and (C) only
 - (4) (A), (B) and (D) only
81. Which of the following statements is correct regarding development of an individual ?
- (1) Heredity has more effect on development than the environment.
 - (2) Environment has more effect on development than heredity.
 - (3) Heredity and environment show a complementary effect on development.
 - (4) The characteristics and defects transferred by heredity do not have effect on development.
82. Which of the following is not a correct statement about emotional and mental development of adolescents ?
- (1) Children of this age are in search of role models.
 - (2) There is attraction for opposite sex in this age.
 - (3) There is tendency of increasing vocabulary in this age.
 - (4) Children of this age become rebellious.
83. Which is the alternative of correct pairs of family of models of teaching and the model of teaching that comes within it ?
- (A) Information Processing Model – (i) Justice Based Model
 - (B) Individual Development Model – (ii) Desensitization Model
 - (C) Social Interaction Model – (iii) Synetics Models
 - (D) Behavioural Modification Model – (iv) Scientific Inquiry Model
- (1) (A) – (iv), (B) – (iii), (C) – (i), (D) – (ii)
 - (2) (A) – (i), (B) – (ii), (C) – (iii), (D) – (iv)
 - (3) (A) – (iii), (B) – (ii), (C) – (i), (D) – (iv)
 - (4) (A) – (iv), (B) – (i), (C) – (ii), (D) – (iii)

84. Which of the following are objectives of Sex Education ?
- (A) To remove ignorance about sexual matters.
 - (B) Give proper information about the functions of reproductive system.
 - (C) Give information about the family system to the children.
 - (D) Give guidance for a sound and healthy physical well being.
- (1) (A), (B) and (C) only (2) (A), (B) and (D) only
(3) (A), (C) and (D) only (4) (A), (B), (C) and (D)
85. Which of the following will not be useful for doing improvement in written examination ?
- (1) Decreasing the number of essay type questions.
 - (2) Give more importance to final examination.
 - (3) Prepare marking scheme and model answer book.
 - (4) Use of barcode on answer sheets.
86. Which of the following examples are based on the teaching maxim of 'Concrete to Abstract' ?
- (A) Use of map in geography subject
 - (B) Narrate life history of great leaders to students
 - (C) Show picture while teaching nature drawing
 - (D) Explain a poem
- (1) (A), (B) and (C) (2) (B) and (C)
(3) (A) and (C) (4) (B), (C) and (D)
87. Which of the following tools of evaluation are used for observation technique ?
- (A) Check List
 - (B) Rating Scale
 - (C) Personality Questionnaire
 - (D) Incidental Notes
- (1) (B), (C) and (D) (2) (A), (B) and (C)
(3) (A), (B) and (D) (4) (A), (B), (C) and (D)
88. Which of the following statement is not true about Models of Teaching ?
- (1) In models of teaching there is guidance about suitable educational activity and creation of environment.
 - (2) Models of teaching may not include basic psychological theories.
 - (3) While the model of teaching is used, the role of a teacher is not rigid.
 - (4) Certain ways are indicated to achieve objectives in models of teaching.

89. Which of the following objections is true about the Kindergarten Method ?
- (1) Students have to do whatever the teacher tells to do.
 - (2) It is unsuitable to teach students through the medium of aids.
 - (3) There is not much scope for self education.
 - (4) Children get more freedom.
90. Which of the following are principles of teaching ?
- (A) Patience
 - (B) Individual Difference
 - (C) Principle of Democracy
 - (D) Systematic Planning
- (1) (A), (C) and (D) only (2) (B), (C) and (D) only
- (3) (A), (B) and (C) only (4) (A), (B), (C) and (D)

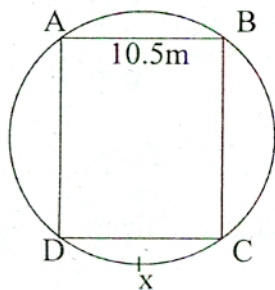
PART - C : MATHEMATICS

91. Which are the conjugate prime numbers of the following ?
- (1) 129, 131 (2) 139, 141 (3) 179, 181 (4) 159, 161
92. What is the difference between sum of all even numbers and all odd numbers between 13 to 88 ?
- (1) 38 (2) 39 (3) 37 (4) 40
93. In which of the following numbers, the number having place value 5^{-2} may include ?
- (1) 8.645 (2) 25.804 (3) 0.485 (4) 14.568
94. If Saturday, 13th December, 2014 is seventh birthday of Swaraj, then what day is of his birthday ?
- (1) Thursday (2) Friday (3) Saturday (4) Sunday
95. Write the number of pairs of congruent angles in the adjacent figure of a rectangle :



- (1) 6 (2) 12 (3) 18 (4) 20

96. The height and the radius of a right circular cylinder water tank is 2m and 70cm respectively. If $\frac{1}{8}$ part of the tank is filled by water in half an hour by a tap and if two more hours water is filled in the tank, then how many litres of water may fill in the remaining empty part of the tank ?
- (1) 1925 (2) 1155 (3) 1540 (4) 770
97. Same numbers of books are to be kept in some boxes. If 28 or 12 or 16 books are kept in each box, everytime in a last box 3 books remains less, then write the total numbers of books from the following :
- (1) 1011 (2) 672 (3) 1341 (4) 361
98. If sales price of 12 articles is equal to the cost price of 15 articles. Then what is the percent profit or percent loss incurred in this transaction ?
- (1) 25% profit (2) 20% profit (3) 25% loss (4) 20% loss
99. A distance covered by each of the four contestants is given below. What is a largest distance among it ?
- (1) 115.28 hectometer (2) 90270 decimeter
(3) 1272.1 meter (4) 727.63 decometer
100. What is the difference between the numbers of right angles formed by the minute hand and an hour hand of a certain clock in between 8 am to 12 pm and 4 pm to 6 pm a day respectively ?
- (1) Three (2) One (3) Four (4) Two
101. As shown in the figure, a rectangular ground $\square ABCD$ is prepared on a circular lawn. If maximum breadth of ground is 10.5m and if $m(\text{arc } DxC) = 60^\circ$, how many meters of barbed wire will be required to fence the circular lawn with four turns ?



- (1) 99 (2) 264 (3) 132 (4) 63
102. How many four digits even numbers can be formed by using digits 6, 0, 7 and 3 only once and without repeating the digits ?
- (1) 24 (2) 10 (3) 18 (4) 12

103. The square of sum of two numbers is 3969 and the product of the same two numbers is 972. What is the difference between the numbers ?

- (1) 9 (2) 36 (3) 69 (4) 99

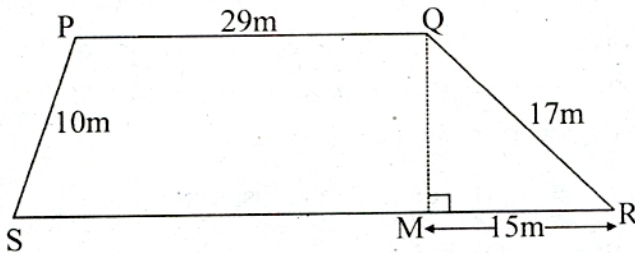
104. If 92 is multiplied by itself for 83 times, then what digit will be at unit place of its product ?

- (1) 2 (2) 4 (3) 8 (4) 6

105. If four line segments are drawn to join any seven points on a circle with each other, then how many more maximum numbers of line segments can be drawn ?

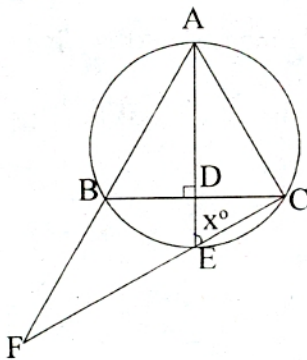
- (1) 7 (2) 42 (3) 21 (4) 17

106. Using the information given in the figure, find the area of a plot : (PQ || SR)



- (1) 632m^2 (2) 316m^2 (3) 158m^2 (4) 79m^2

107. In the figure below, $\triangle ABC$ is an equilateral triangle. Find x° :



- (1) 30° (2) 45° (3) 50° (4) 60°

108. Find the value of :

$$(-0.25) + (-0.5) \times 2\frac{2}{5} \div \frac{4}{5}$$

- (1) (-1.25) (2) (-1.75) (3) $1\frac{1}{4}$ (4) $1\frac{3}{4}$

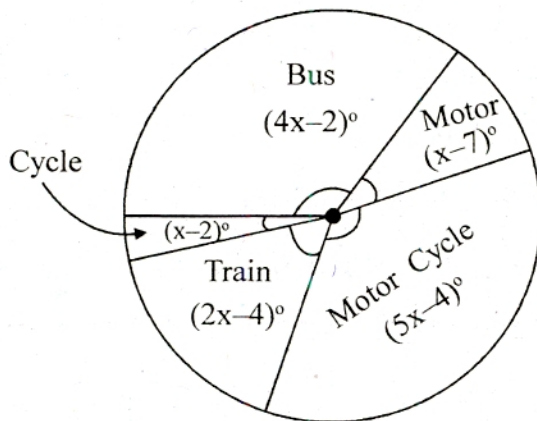
109. In a certain time Yogesh travelled a distance of 270 km by a motor cycle having speed 45 km/hr. If the speed of motor cycle is increased by $\frac{2}{9}$ times the original speed, then how much distance will he cover in the same time ?
 (1) 60 km (2) 330 km (3) 180 km (4) 390 km
110. Which number of the following is not divisible by 36 ?
 (1) 7704 (2) 1116 (3) 9756 (4) 9944
111. A water pump on a well is used 3 hrs. and 48 min. on the first day and 6.2 hrs. on the second day. Find the difference between the period of pump used on both days ?
 (A) 2.4 hrs. (B) 2 hrs. 22 min. (C) 144 min. (D) 142 min.
 (1) Only (A) (2) Only (B) (3) Only (A) or (C) (4) Only (B) or (D)
112. A cube shaped cake having total surface area 1944 cm² is cut in to four equal cuboid shaped pieces. What changes will be observed with respect to their total volume and total surface area of four pieces and the original cake ?
 (A) Surface area remains same (B) Volume remains same
 (C) Surface area will increase by 1296 cm² (D) Volume will be 5832 cm³
 (1) Only (A), (B) and (C) (2) Only (B), (C) and (D)
 (3) Only (A), (C) and (D) (4) All four (A), (B), (C) and (D)
113. Five years ago the age of Siya is 1.25 times the age of Himanshu. After five years the age of Himanshu will be $\frac{6}{7}$ times the age of Siya. What is the sum of their present ages in years ?
 (1) 45 (2) 65 (3) 55 (4) 75
114. Find the value of :

$$\frac{(8.3 \times 1.5) - (2.7 \times 1.5) - (8.3 \times 2.7) + (8.3 \times 8.3)}{(8.3 + 1.5)(8.3 - 2.7)}$$

 (1) 0 (2) 9.8 (3) 5.6 (4) 1
115. An artisan made three ladders from bamboo. Each ladder is having 11 steps at a distance of 50 cm from each other. Find total length of bamboo (in meters) required to make the ladders (excluding the steps) :
 (1) 33 (2) 36 (3) 30 (4) 18

116. Madhavrao deposited some amount in his saving account. $\frac{3}{5}$ th part of $\frac{3}{4}$ of balance amount is used for home expenses and $\frac{1}{3}$ part is used for education fees of his children. Still he had Rs. 1,200 with him. Find the amount deposited in his saving account :
- (1) Rs. 10,800 (2) Rs. 6,000 (3) Rs. 18,000 (4) Rs. 12,000
117. Amount of profit gained by selling an article for Rs. 1,320 is the same as 1.5 times the loss by selling article for Rs. 1,145. Find original price of the article :
- (1) Rs. 1,250 (2) Rs. 1,285 (3) Rs. 1,215 (4) Rs. 1,180

Following pie diagram shows the types of vehicles used by the families in certain housing colony from which if the number of persons travelled by the train is 168. Answer the following questions : [Q. Nos. 118 and 119]



118. How many persons are travelling by bus ?
- (1) 308 (2) 354 (3) 118 (4) 236
119. What is the number of bus passengers lesser than that of motor cyclist ?
- (1) 72 (2) 36 (3) 95 (4) 108
120. In mathematics pedagogy, which alternative given below is sufficient for long term objective explanation ?
- (1) Aniket is drawing a diagram as per given measures.
- (2) Anuja explains the information given in the graph.
- (3) Spandan is drawing geometrical figures by using geometrical devices.
- (4) Manasi explains the difference between the figures.

137. Which of the following aspect is not related to Gopal Hari Deshmukh ?

- (1) Writing of 'Shatapatra' in the weekly called 'Digdarshan'
- (2) Library Movement
- (3) Advocation of Widow Marriage
- (4) Writing under the pen-name 'Lokahitawadi'

138. Which alternative shows correct pairs of institution/organisation and their founder ?

| Institution/Organisation | Founder |
|--|----------------------------|
| (A) Hindustan Socialist Republican Association | (i) Rash Bihari Bose |
| (B) Azad Hind Sena (Indian National Army) | (ii) Sacchindranath Sanyal |
| (C) Hindustan Republican Association | (iii) Subhashchandra Bose |
| (D) India House | (iv) Chandrashekar Azad |
| | (v) Shyamji Krishna Varma |

- (1) (A) – (iv), (B) – (iii), (C) – (i), (D) – (ii)
- (2) (A) – (ii), (B) – (i), (C) – (iv), (D) – (v)
- (3) (A) – (iv), (B) – (i), (C) – (ii), (D) – (v)
- (4) (A) – (v), (B) – (iii), (C) – (ii), (D) – (i)

139. What was the emblem of Azad Hind Sena (Indian National Army) ?

- (1) A lighted torch
- (2) Picture of Charkha
- (3) A Soaring Phoenix Bird
- (4) A Leaping Tiger

140. Which of the following is an incorrect pair of the enemy of the Swarajya and Shivaji Raje's faithful person who fought against that enemy ?

- (1) Shahistakhan - Phirangi Narsala
- (2) Daulatkhan - Murarbaji
- (3) Bahlolkhan - Prataprao Gujar
- (4) Siddi Masood - Baji Prabhu Deshpande

141. Devdatta, a contemporary Marathi poet, described whose valour in the following words ?

"Delhi was humbled, the emperor of Delhi lost face; such was the wrath of the great _____."

- (1) Queen of Jhansi, Rani Laxmibai
- (2) Ahilyabai Holkar
- (3) Chandbibi
- (4) Maharani Tarabai

142. Which of the following animal/animals is/are on our Indian National Emblem ?
(A) Lion (B) Horse (C) Bull
(1) Only (A) (2) Only (A) and (B)
(3) Only (A) and (C) (4) (A), (B) and (C)
143. "A person from a different State is appointed as a Governor of the State." What is the main reason behind this ?
(1) This is a provision of the Indian Constitution.
(2) It is a convention not to appoint a person of the same State as its Governor.
(3) There is a provision of establishing the Legislature according to the code.
(4) There is a provision of establishing the Executive according to the code.
144. Which of the following statements is not a characteristic of Gram Sabha, an element of Panchayati Raj ?
(1) Assembly of all the young and old villagers is called Gram Sabha.
(2) It is the responsibility of the Sarpanch to convene a meeting of the Gram Sabha.
(3) The Gram Sabha approves development schemes proposed by Gram Panchayat.
(4) There was provision for the establishment of Gram Sabha in the original Act of Gram Panchayat.
145. Which of the following places gets rainfall due to dry winds blowing from the northern lands of India towards the sea ?
(1) Karwar (2) Kavaratti (3) Machhalipattan (4) Mangalore
146. Which of the following is the incorrect pair of mountain range and highest peak of India ?
(1) Satpuda - Astambha (2) Western Ghats - Anaimudi
(3) Aravalli - Gurushikhar (4) Himalaya - K-2
147. If it is 10 pm Monday in Greenwich city according to the standard time, then what will be the time in India ?
(1) Monday 4.30 pm (2) Tuesday 3.30 am
(3) Monday 3.30 am (4) Tuesday 4.30 pm

148. Saputara : Gujarat :: Pal : ?

(1) Maharashtra

(2) Madhya Pradesh

(3) Assam

(4) Himachal Pradesh

149. "Bhushan is a Computer Engineer, Manisha is a Teacher, Milind is a Small Scale Industrialist and Manali is in Poultry Business."

Which of the following is doing quaternary occupation ?

(1) Manisha

(2) Manali

(3) Milind

(4) Bhushan

150. Which of the following is the group of districts having National Parks ?

(1) Nagpur - Thane - Raigad

(2) Gondia - Gadchiroli - Raigad

(3) Chandrapur - Nagpur - Gondia

(4) Gadchiroli - Thane - Chandrapur

“कच्चे काम”