

**AJMAL NATIONAL TALENT SEARCH (ANTS) EXAMINATION - 2011**

**Class : VI**

**Time/സമയം : 2 hours/ 120**

**Full Marks/ പൂർണ്ണ മാർക്ക് (25+25+25+25)=100**

**General Knowledge / പൊതുവിവരങ്ങൾ / പൊതുവിവരങ്ങൾ**

1. The black box in an aeroplane is usually coloured

അവസാധാരണമായി എങ്ങനെയാണ് നിറം?

- a) Black                                      b) Orange                                      c) Green                                      d) Red
- കറുപ്പുനിറം                                      ഓറഞ്ചുനിറം                                      പച്ചനിറം                                      ചുവപ്പുനിറം

2. Which of these sports is also the name of an insect in English

ഇവയിൽ ഏതൊരു കായികമത്സരമാണ് ഒരു昆蟲ത്തിന്റെ പേരും?

- a) Polo    b) Cricket    c) Hockey    d) Tennis
- പോളോ    ക്രിക്കറ്റ്    ഹോക്കി    ടെന്നിസ്

3. Bones and teeth are mostly composed of -

പല്ലുകളും എല്ലകളും പ്രധാനമായും ഏതുവസ്തുവിൽ നിന്നാണ് ഉണ്ടാകുന്നത്?

- a) Protein    b) Calcium    c) Vitamin    d) Potassium
- പ്രോട്ടീൻ    ക്ഷീരമൂലകം    വിറ്റാമിൻ    പൊട്ടാസ്യം

4. The city located on the two continents of Europe and Asia is :-

ഏഷ്യയും യൂറോപ്പുമുള്ള രണ്ടു ഭൂഖണ്ഡങ്ങളിലുമുള്ള നഗരമാണ് ഏത്?

- a) Riyadh    b) Moscow    c) Istanbul    d) Cairo
- റിയാദ്    മസ്കോ    ഇസ്തബൂൾ    കെയറോ

5. Arrange the following in ascending order

താഴെ പറയുന്നവയെ താഴെപ്പറയുന്ന ക്രമത്തിൽ ക്രമീകരിക്കുക

- i) Bihu Kuwari                                      ii) Bihu Samragyee                                      iii) Bihu Rani
- കുവരി ബിഹു                                      സമ്രാജ്യീ ബിഹു                                      രാജി ബിഹു
- a) ii / iii / i    b) i / ii / iii    c) ii / i / iii    d) i / iii / ii



12. The word 'wall street' is associated with

"৩/৫ খণ্ড"ৰ "৫০-৫০"ৰ গুৰুত্ব ?  
"৫০-৫০"ৰ "৫০-৫০"ৰ গুৰুত্ব ?

- a) Trading of gold  
"৩/৫"ৰ "৫০-৫০"ৰ গুৰুত্ব
- b) Trading of crops  
"৫০"ৰ "৫০-৫০"ৰ গুৰুত্ব
- c) Trading of tea  
"৫০"ৰ "৫০-৫০"ৰ গুৰুত্ব
- d) Trading of stocks & shares  
"৫০"ৰ "৫০-৫০"ৰ গুৰুত্ব

13. Ram is taller than Babul but shorter than Dilip. Karim is taller than Ram and Dilip. Who is the tallest among all ?

»] [y]CTEoCF EonoV\_YT Eo]»\* Eo], »] %oOVk\_YT EoCF\* a]Cq\_eo ]d\_To%oE\_T EoCF EoX ?  
[y] [y]E a]Eo\_»EonoV\_Y a]EoFco\* [y] A[y]V\_Y a]EoEo] \_»\* a[y]e\_aTo\_»Eo?

- a) Karim  
Eo] / Eo]
- b) Ram  
»] / [y]
- c) Dilip  
V\_Y
- d) Babul  
[y]E

14. Which is the largest district of Assam

%a]» %oE\_T EoCo\_o »L\_dFX -  
%ca] [ya] [y]e\_aTo] [ba]\_d]Xc] -

- a) Nagaon  
XGcCg
- b) Karbi Anglong  
Eo] [y]e\_e
- c) Sonitpur  
a] e]STo] / a] e]XTo] [y]
- d) Chirang  
»e] / »]y]e

15. Which of the following is not a native of Nagaland ?

To » EoXa]XGca\_» %o]V%» [ya]Xc] ?  
Xba]y EoX\_»XGca\_ »o]y]o]V%» [ya]Xc] ?

- a) Angami  
%c]c]Y
- b) Sema  
»] [y] / a]c]
- c) AO  
%C
- d) Adi  
%oV

16. Who is the President of Asom Sahitya Sabha ?

%a] a]e]Eo a]o] » a]o]y]»o]EoX ?  
%a] a]e]Eo a]o] [ya]o]y]»o]Eo?

- a) Padma Nath Gohainbaruah  
Y2]Xdu a]e]e]Ao] [y]o]c]
- b) Rongbong Terang  
»e] [y]e\_a]o]e]
- c) Kanaksen Deka  
Eo]Eo]a]X a]Eo]c]
- d) Homen Borgohain  
a]e]X [y]a]e]e]Ao]

17. Who was the writer of 'Gitanjali' ?

G]V]e]t\_» a]\_FEo]EoX ?  
G]V]e]t\_» [ya]\_FEo]-

- a) Bankim Chandra  
[y]t] [y]e] [y]e] [y]e]
- b) Rabindra Nath Tegore  
» [y]V]Xdu P]Eo]
- c) Sree Sree Sankar Dev  
» » e]Eo]a]3/4
- d) Amrita Pritam  
%] [y]e] »]o]d]

(4)

18. Pure drinking water means -

শুদ্ধ পানীয় জল -  
শুদ্ধ পানীয় জল -

- |   |   |  |  |
|---|---|--|--|
| i) Germless water<br>[শুদ্ধ পানীয় জল]<br>[শুদ্ধ পানীয় জল] | ii) Colourless water<br>»শুদ্ধ পানীয় জল<br>[শুদ্ধ পানীয় জল] | iii) Tasteless water<br>[শুদ্ধ পানীয় জল]<br>[শুদ্ধ পানীয় জল] | iv) Odourless water<br>গন্ধমুক্ত পানীয় জল<br>গন্ধমুক্ত জল |
| a) I & II<br>I & II   | b) II & III<br>II & III<br>II & III                           | c) I & IV<br>I & IV<br>I & IV                                  | d) all of the above<br>CY»» %<br>a[                        |

19. The full form of E-mail is

+ a] + \_ » Ybi»U  
+ - a] + a \_ [yYki]y -

- |                                     |                                       |  |                              |
|-------------------------------------|---------------------------------------|--|------------------------------|
| a) Electric mail<br>+ a _ kEoa] + _ | b) Electronic mail<br>+ a _ kEoa] + _ | c) Elaborate mail<br>+ _ d] » Oa] + _ / + _ d] » Oa] + _ | d) Easy mail<br>+ _ L a] + _ |
|-------------------------------------|---------------------------------------|--|------------------------------|

20. A zebra has combination of two colours on its body. Try to identify the colour

Aoa] L [y] Gc]oVoc] » I » ae] ` 0 %ca] » e Voc] » Jd]oEoc]  
AEoa] L [y] Gc]oVoc] » I » ae] ` 0 %ca] » e Voc] » Jd]oEoc]

- |   |   |  |   |
|---|---|--|---|
| a) Black with white stripes<br>Eo] c]o] [Gc]oVoc] %<br>Eo] c]o] [Gc]oVoc] % | b) White with black stripes<br>[Gc]oVoc] %<br>ad]dy] a] Eoa] c]o] [Gc]oVoc] % | c) Black with grey stripes<br>Eo] c]o] [Gc]oVoc] %<br>Eo] c]o] [Gc]oVoc] % | d) White, white with grey stripes<br>[Gc]oVoc] %<br>ad]dy] a] Eoa] c]o] [Gc]oVoc] % |
|---|---|--|---|

21. What will be the next number in the given series ?

To] To] V]c] » 0] » Y] » [y] » ae] Fi]c] » Eo] ?  
X] » o] » C] » ca] » N] » y] » [y] » ae] Fi]c] » Eo] ?

4, 7, 11, 16, .....

- |       |       |       |       |
|-------|-------|-------|-------|
| a) 25 | b) 22 | c) 27 | d) 28 |
|-------|-------|-------|-------|

22. Which of the following is known as 'The nightingale of India' ?

\o] » To] X] » ca] » Oa] \_ Eo] Eo] » c]c] ?  
[y] » ae] Fi]c] » Eo] » ca] \_ Eo] Eo] » c]c] ?

- |   |   |  |   |
|---|---|--|---|
| a) Asha Bhonsle<br>%c] » ca] » ga] _<br>%c] » ca] » ga] _ | b) Lata Mangeskar<br>_Tc] » ca] » Eo] _<br>_Tc] » ca] » Eo] _ | c) Noorjahan<br>X] » L] » ca] » ca] _<br>X] » L] » ca] » ca] _ | d) Parbin Sultana<br>Yc] » » [y] » ae] Fi]c] » Eo] _<br>Yc] » » [y] » ae] Fi]c] » Eo] _ |
|---|---|--|---|

(5)

23. Who was the first president of the Indian National Congress ?

অধিষ্ঠিত লক্ষ্মীনাথ বসু কে ?  
অধিষ্ঠিত লক্ষ্মীনাথ বসু কে ?

- a) A.O. Hume                              b) W.C. Banerjee                              c) Anni Basanta                              d) Gandhiji
- A. % x=]                                      =a]` \$VWYd\_P                              A-X a]ad'A-X a]ad'                              গান্ধীজী/ গান্ধীজি

24. Which of the following group is known as 'Trimurti' in Assamese literature ?

তলত দিয়া কোন গুৰুটি অসমীয়া সাহিত্যত 'ত্ৰিমূৰ্তি' হিচাপে জনপ্ৰিয় ?

- a) Lakshmi Nath Bezbauah, Hemchandra Goswami and Chandra Kr. Agarwala  
\_কদা অল [যে/সে/ত] অসমীয়া সাহিত্যত জনপ্ৰিয় ?
- b) Lakshmi Nath Bezbauah, Hemchandra Goswami and Ananda Chandra Agarwala  
\_কদা অল [যে/সে/ত] অসমীয়া সাহিত্যত জনপ্ৰিয় ?
- c) Lakshmi Nath Bezbauah, Hemchandra Goswami and Jyoti Prasad Agarwala  
\_কদা অল [যে/সে/ত] অসমীয়া সাহিত্যত জনপ্ৰিয় ?
- d) None of the above  
\_কদা অল [যে/সে/ত] অসমীয়া সাহিত্যত জনপ্ৰিয় ?

25. Which of the following computer is most popular ?

তলত দিয়া কোন কম্পিউটাৰ সবাতোকৈ জনপ্ৰিয় ?

- a) Super Computer                              b) Mini Computer                              c) Micro Computer                              d) All the above
- সুপাৰ কম্পিউটাৰ                              মিনি কম্পিউটাৰ                              মাইক্ৰ কম্পিউটাৰ                              +সকলো
- a]dyEoY=O]y                                      a]X EoY=O]y                                      ]e-y0 EoY=O]y                                      a]EoY=O]y

### General English

26. The following negative sentence has been written in a different way. Find the correct one.

"We can wait here no longer."

- a) We can wait here not longer.                              b) We can not wait here any longer.
- c) We can not wait here no longer.                              d) We can wait not here no longer.

27. The following sentence has been changed to negative. Only two sentences are correct. Find them.

"He told me something about it."

- i) He did not tell me anything about it.                              ii) He told me not anything about it.
- iii) He didn't tell me something about it.                              iv) He told me nothing about it.
- a) i & iii                                      b) ii & iv                                      c) iii & iv                                      d) i & iv

(6)

28. A large number of ships is called a ----- of ships.  
a) dock                                      b) port                                      c) fleet                                      d) crew
29. We stopped there a little. The word 'stopped' here is :  
a) transitive verb                                      b) intransitive verb                                      c) adverb                                      d) adjective
30. Tomorrow ..... Sunday.  
a) Is                                      b) Will be                                      c) Was                                      d) May
31. .... Believe in the caste system  
a) Hindus                                      b) The Hindus                                      c) All Hindu                                      d) Some Hindu
32. We ourselves served the guests. In this sentence 'ourselves' is ;  
a) reflexive pronoun    b) demonstrative pronoun.    c) distributive pronoun    d) emphasizing pronoun.
33. To the question , "Don't you like tea ?" there are two correct answers below. Find them.  
i) Yes. I don't like tea.    ii) No, I like tea.    iii) Yes, I like tea.    iv) No, I do not like tea.  
a) i & ii                                      b) ii & iii                                      c) i & iii                                      d) iii & iv
34. "Please tell me a tale about a tall tail." In this sentence :  
a) 'tell' is noun, 'tale' is verb and 'tall' is adverb.    b) 'tell' is verb, 'tale' is noun and 'tall' is adjective.  
c) 'tell' is adverb , 'tale' is noun and 'tall' is adjective    d) 'tell' is verb , 'tale' is adjective and 'tall' is noun.
35. select the correct sentence.  
a) Each of the girls was given a rose.    b) Each of the girl was given a rose.  
c) Each of the girls were given roses.    d) Each girls were given roses.
36. Select the correct sentence.  
a) who are you speaking to ?    b) whom are you speaking to ?  
c) who is you speaking to ?    d) whom is you speaking ?
37. Fill the bottle ----- hot water.  
a) in                                      b) by                                      c) with                                      d) of
38. He is negligent ----- his work.  
a) to                                      b) at                                      c) in                                      d) of
39. Hardly had we reached school ----- the bell rang.  
a) than                                      b) when                                      c) then                                      d) for

(7)

40. Work hard ----- you should fail.  
a) because                      b) although                      c) or                      d) lest
41. Mr. Saikia has three -----.  
a) son-in-laws                      b) sons-in-law                      c) sons-in-laws                      d) son inlaws.
42. Pick up the correct sentence :  
a) The cattle are grazing in the field.                      b) The cattle is grazing in the field.  
c) The cattles are grazing in the field.                      d) The cattles is grazing in the field.
43. Pick up the correct sentence :  
a) I and you and he can never get on well together.                      b) You and I and he can never get on well together.  
c) You and he and I can never get on well together.                      d) I and he and you can never get on well together.
44. The given sentence in Direct Narration has four choices in Indirect Narration. Choose the correct one.  
He said, " I must go now".  
a) He said that he must go then.                      b) He said that he had to go then.  
c) He said he must go now.                      d) He said that he had to go now.
45. A Red Indian's ( native American) home is called -----.  
a) igloo                      b) hutches                      c) cottage                      d) wigwam
46. The Latin phrase 'inter alia' means ----- in English.  
a) in the middle                      b) in between                      c) among other things                      d) in the whole
47. There are black sheep in every community. " black sheep' means :  
a) sheep of black colour                      b) sheep that has lost its wool.  
c) bad character                      d) talented persons.
48. There are people who do not get a square meal a day. 'square meal' means :  
a) for times a normal meal.                      b) a meal for four persons.  
c) a full meal                      d) a meal in a five star hotel.
49. 'Morning' is to 'Noon' as 'Youth' is to :  
a) Energy                      b) Childhood                      c) Love                      d) Old age
50. 'Nainital' is to Hills as Jaisalmer is to :  
a) Fort                      b) Border                      c) Desert                      d) Security

General Mathematics / பொதுக் கணிதம் / பொதுக் கணிதம்

51. Roman numeral for the smallest four digit number is .....

- a) X
- b) M
- c) C
- d) D

52. If 'x' and 'y' are whole numbers, then x - y is .....

- a) A whole number
- b) A natural number
- c) Can not be determined
- d) None of these

53. The largest 3 digit number divisible by 19 is .....

- a) 988
- b) 998
- c) 999
- d) 969

54. A prime number is .....

- a) An even number
- b) An odd number
- c) Composite number
- d) None of these

55. The number 3,116,365 is divisible by .....

- a) 5
- b) 7
- c) Both 5 & 7
- d) None of these

56. A line segment joining the centre and any point on the circle is called .....

- a) Chord
- b) Radius
- c) Arc
- d) Diameter




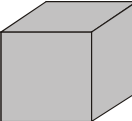


57. Number of line segments possible with three collinear points is .....

- a) 1
- b) 2
- c) 3
- d) Infinite

58. 91° is an example of .....

- a) Obtuse
- b) Acute
- c) Right
- d) None

59. Which of the following figure has six faces ?

- a) 
- b) 
- c) 
- d) 

60. Reciprocal of  $2\frac{1}{3}$  is .....

- a)  $\frac{7}{3}$
- b)  $-\frac{7}{3}$
- c)  $-\frac{3}{7}$
- d)  $\frac{3}{7}$

61. Smallest negative number .....

- a) -1
- b) -10
- c) 0
- d) Does not exist

62.  $3\frac{1}{12} - [1+\frac{1}{4} + \{2\frac{1}{2} - (1\frac{1}{2} - \frac{1}{3})\}]$

- a)  $\frac{1}{2}$
- b) 2
- c) 1
- d) 0

63.  $58 + \frac{3}{100} + \frac{7}{1000} =$  .....

- a) 58.0037
- b) 58.37
- c) 58.037
- d) None of these

64. The length of a rectangle is  $\frac{6}{5}$ th of its breadth. If its perimeter is 132m, its area will be .....

- a) 1080 m<sup>2</sup>
- b) 640m<sup>2</sup>
- c) 1620 m<sup>2</sup>
- d) 2160m<sup>2</sup>

65. Number of variables in a simple linear equation .....

«\_ é»FÉöa»Eö»STöb Eö aeFic .....  
a[y\_ é]yFÉöa]EöyS ö\_ äöyaefic.....

- a) Two b) One c) 0 d) None of these

66. In  $\frac{2}{3}P - 2\frac{1}{2} = 3\frac{1}{2}$ , the value of P is .....

$\frac{2}{3}P - 2\frac{1}{2} = 3\frac{1}{2}$  TöP » ]ç .....  
 $\frac{2}{3}P - 2\frac{1}{2} = 3\frac{1}{2}$  äöP A[y]ç .....

- a) -9 b) +6 c) +9 d) 0

67. The ratio of the least prime number to the least composite number is .....

%ö»TöÉöa»öä]i\_ EöaeFic%ö»ö%ö»TöÉöa»öä]i\_ GEöaeFic% »XçTö.....  
a[yö\_ äöa]öä]i\_ EöA[y\_ ä]i\_ GEöaeFic\_ ä^ [y% »XçTö.....

- a) 1 : 2 b) 2 : 3 c) 1 : 4 d) 1 : 3

68. A quadrilateral is a rectangle but not a square when .....

AöçTöL %öTöly çF\_ Eö]Gäly XçF\_ ä^Töç .....  
AEöçTöL %öTöly çF\_ Eö]Gäly çF\_Xç^V .....

- a) Its diagonals do not bisect each other b) Its diagonals are not perpendicular
- c) All angles are not equal d) Its diagonals are not equal

69. Circumference of a circle is approximately equal to ..... time diameter.

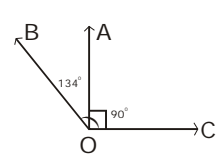
[yö\_ Y»a]ç+ç» [yca» Yö^ ..... mS  
[yö]Y\_ [y]ç+cç[yca]yYö^ ..... mX

- a) 4 b) 6 c) 3 d) 5

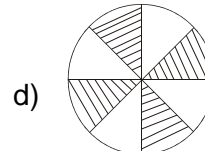
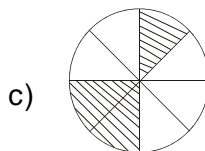
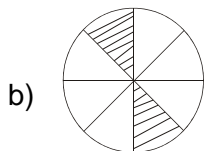
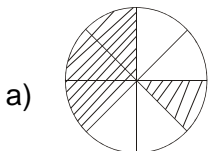
70. The measure of  $\angle AOB$  in the following figure is .....

TöTöVç\_ öyTö  $\angle AOB$  » ]ç .....  
XöbA/Cç\_ öy  $\angle AOB$  A[y]ç .....

- a)  $90^\circ$
- b)  $44^\circ$
- c)  $224^\circ$
- d)  $134^\circ$



71.  $\frac{5}{8} - \frac{2}{8} = \dots\dots\dots$



72.  $\frac{15}{45} = \frac{?}{9}$

a) 15

b) 9

c) 5

d) 3

73. The sum of two numbers is 31·021. If one of them is 11·56, then the other number is .....

V0c aefic a CZo 31·021 To» A0c aefic 11·56 ca %X0c aefic:ly.....  
V0c aefic a CZo 31·021 \* ^V AE0c aefic 11·56 cf T0ly%Yly0c aefic:ly.....

a) 19·461

b) 17·461

c) 18·641

d) 19·561

74. The ratio of 0·12 kg and 180 g is .....

0·12 » EdGf %0 180 Gf » %XV0o.....  
0·12 » EdGf Aje 180 Gf ly%XV0o.....

a) 0·01:1·8

b) 1:5

c) 2:3

d) none

A0c Xcf/AE0c Xf

75. A play ground which is 250 m long and 20 m broad is to be fenced with wire. How much wire is needed ?

250 » VH\_ %0 20 » [c: f\_ YU» AFX» » CZo To» a» dy » VCto Ed0 X To» \_06ly?  
250 » f d/hilyAje 20 » 0lyY0lyAE0c f dy) cly0lyWA0c aly0ly » Va Ed0E0T0ly \_06ly?

a) 270 m (Xf)

b) 230 m (Xf)

c) 540 m (Xf)

d) None A0c Xcf/AE0c Xf

General Science / adpS » pux / adlyS » pux

76. Which of the following has the highest potential energy ?

To» » Ed00 » 0to » lp%0e T0Edly%?  
X0lyEd00ly0to » lpalye at0ly Y

a) 10 kg stone at a height of 20 m  
20 » 00 » =Jd0UE0 10 » Ed Gf CLX» x » 0  
20 » 0ly =Jd0 U0c 10 » EdGf CLXlyYd0ly

b) 100 kg stone at a height of 2 m  
2 » 00 » =Jd0UE0 100 » Ed Gf CLX» x » 0  
2 » 0ly =Jd0 U0c 100 » EdGf CLXlyYd0ly

c) 40 kg stone at a height of 5 m  
5 » 00 » =Jd0UE0 40 » Ed Gf CLX» x » 0  
5 » 0ly =Jd0 U0c 40 » EdGf CLXlyYd0ly

d) 30 kg stone at a height of 7 m  
7 » 00 » =Jd0UE0 30 » Ed Gf CLX» x » 0  
7 » 0ly =Jd0 U0c 30 » EdGf CLXlyYd0ly

77. The energy stored in food is .....

Εἰς τὸ ..... ἡ ἐνέργεια τοῦ φαγητοῦ  
Εἰς τὴν ..... ἡ ἐνέργεια τοῦ φαγητοῦ

- a) electrical b) heat c) chemical d) muscular
- ἤλεκτρονική θέρμη χημική μυϊκή

78. Which of the following is a third order lever ?

Τῶν ἑξῆς τῶν μηχανισμῶν ὁποῖος εἶναι τρίτης τάξης ἐπιπέδου;  
Χῶνος ἑξῆς τῶν μηχανισμῶν ὁποῖος εἶναι τρίτης τάξης ἐπιπέδου;

- a) Growbar b) Scissors c) Tongs. d) All of these
- Κοφτερός Κόψαλο Κοφίνια Όλα τὰ παραπάνω

79. Which of the following statement is true ?

Τῶν ἑξῆς τῶν ἐκφράσεων ἡ ἀληθὴς εἶναι;  
Χῶνος ἑξῆς τῶν ἐκφράσεων ἡ ἀληθὴς εἶναι;

- a) Electricity can be created b) Electricity flows is a circuit with gaps.
- Ἡ ἐlectricité δύναται νὰ δημιουργηθῇ Ἡ ἐlectricité κυκλοφορεῖ ἐν ἑκκεντρικῇ ἀγωγῇ.
- Ἡ ἐlectricité δύναται νὰ δημιουργηθῇ Ἡ ἐlectricité κυκλοφορεῖ ἐν ἑκκεντρικῇ ἀγωγῇ.
- Ἡ ἐlectricité εἶναι ἡ ἀρνητικὴ ἐπιφορτίση. c) All of the above
- Ἡ ἐlectricité εἶναι ἡ ἀρνητικὴ ἐπιφορτίση. Ὅλα τὰ παραπάνω ἀληθῆ.

80. The instrument that can measure current is called a/an .....

Ἡ ἐργαλεὺς ἡ ὁποία μετρεῖ τὸν ἀρροχτὸν λέγεται .....  
Ἡ ἐργαλεὺς ἡ ὁποία μετρεῖ τὸν ἀρροχτὸν λέγεται .....

- a) Tester b) Resistor c) Voltmeter d) Ammeter
- Προβερὴ Ἀντιστάση Ὀλομῆτρο Ἀμπερομῆτρο

81. Erg is a unit for .....

..... εἶναι ἡ ἐνέργεια  
..... εἶναι ἡ ἐνέργεια

- a) energy b) work c) force d) both a & b
- Ἔργο Ἔργο Ἄρροχτος Ἄρροχτος ἢ Ἔργο

82. By dropping a drop of water on a glowing electric bulb, it bursts. This is because glass is a .....

জি\_ UEc dVCTEo[yc VAOToYcYAaDyc Y»ã [yc WcZcO^d Eo»S Eoô.....  
AEôôdVCTEo[yc VAEOZcO L\_Y]ã [yc WcZcO^c^d, Eo]S Eoô.....

- a) good conductor of heat  
TcY» aV»[ycY  
Tcav[yaV]ycY
- b) bad conductor of heat  
TcY» EQ»[ycY  
Tcav[yeQ]ycY
- c) transparent substance  
ObôoYVdji  
ObK=YVdji
- d) good conductor of electricity.  
YVd]» aV»[ycY  
YVcA]yaV]ycY

83. Choose the most elastic substance from the following.

Tô » ãcXãcã[ycVEô»O]TôYEOYVdji?  
a[ycãããã Y]O]TôYEOYVdjiOca\_ -

- a) Rubber  
»[y  
[y]y
- b) Nylon  
Xc\_X  
Xc\_X
- c) Steel  
TôFc  
+&çö
- d) Iron  
ãç  
ãçç

84. Which radiation is used to purify water ?

ãcXãcãããL»ô Yô]ôç) YcçYcXY»ã d]K Eôççç?  
Xhã]ããããããL»ô Yô]ôç]y]dçL\_ãEOY]ã d]K Eôççç?

- a) Infrared radiation  
%ã\_çççç»x ½  
%]ã\_çççç]ç ½
- b) ultraviolet radiation  
%Tc]y]K]ç»x ½  
%Tc]ymXV]ç ½
- c) X - rays  
Ajã  
Ajđy
- d) Microwaves  
]çyO]çy  
]çyçã]y

85. In our body, ..... act as catalysts.

%ç]ç) `»bTô..... %X]O]Eô» Eô] Eô»\*  
..... %ç]ç]y] [y]y%X]O]Eôç]yEôL Eô]y

- a) Vitamins  
ãO]ãK  
ãO]ãX
- b) minerals  
F»XL\_çç  
F»XL\_]ç
- c) enzymes  
=dããççEô  
=dããççEô
- d) water  
Yç]ã  
L\_

86. Physical changes require ..... energy than chemical changes.

»çãd»XEôY»[ym]TcEôããEO]TcEOY»[ym]ã]yTô..... `ã]p» Yã]çLX çç\*  
[yãd»XEôY]y]Tc]yTô Xç]ããEO]TcEOY]y]Tc]ç ..... `ã]p]yã]çLX\*

- a) less  
Eç  
Eç
- b) more  
đyçç  
đyç
- c) equal amount  
a] Y»]çç  
a]Y]çç
- d) very high amount of  
%ã]EôY»]çç  
%ã]Eôç]y Y]çç

87. Saline water is useful for .....

সলিন পানি ..... » [যদি/যদিও] এতটুকু\*  
সলিন পানি ..... [যদি/যদিও] এতটুকু\*

- a) washing clothes                      b) drinking                      c) for agriculture                      d) none of these
- এতটুকু ধোওয়া                      পানি পান করা                      এতটুকু কৃষি                      কোনোটিই নয়
- এতটুকু ধোওয়া                      পানি পান করা                      এতটুকু কৃষি                      কোনোটিই নয়

88. The density of water is maximum at .....

..... তাপমাত্রায় পানির ঘনত্ব সর্বোচ্চ\*  
..... তাপমাত্রায় পানির ঘনত্ব সর্বোচ্চ\*

- a) 0°C    b) 4°C    c) 40°C    d) 100°C

89. Which of the following is combustible ?

\_\_\_\_\_ কোনটি জ্বলন্ত?  
\_\_\_\_\_ কোনটি জ্বলন্ত?

- a) Oxygen                                      b) Carbon dioxide                                      c) Hydrogen                                      d) All of these
- অক্সিজেন                                      কার্বন ডাই অক্সাইড                                      হাইড্রোজেন                                      সবগুলোই
- অক্সিজেন                                      কার্বন ডাই অক্সাইড                                      হাইড্রোজেন                                      সবগুলোই

90. The fruits of this plant are used as spices in food. Name the plant.

এই গাছের ফল খাদ্যে মসুরি হিসেবে ব্যবহৃত হয়। গাছটির নাম \_\_\_\_\_  
এই গাছের ফল খাদ্যে মসুরি হিসেবে ব্যবহৃত হয়। গাছটির নাম \_\_\_\_\_

- a) Brinjal    b) Chilly    c) Onion    d) Ginger
- ব্রিনজল    চিলি    এলাচ    গুঁড়
- ব্রিনজল    চিলি    এলাচ    গুঁড়

91. Which of the following vitamins is required in healing of wounds ?

\_\_\_\_\_ ভিটামিনের প্রয়োজন ক্ষতের 치유তে?  
\_\_\_\_\_ ভিটামিনের প্রয়োজন ক্ষতের 치유তে?

- a) Vitamin A                                      b) Vitamin B                                      c) Vitamin C                                      d) Vitamin D
- ভিটামিন A                                      ভিটামিন B                                      ভিটামিন C                                      ভিটামিন D
- ভিটামিন A                                      ভিটামিন B                                      ভিটামিন C                                      ভিটামিন D

92. What materials were used as clothes in ancient times ?

\_\_\_\_\_ পদার্থ প্রাচীন কালে পোশাক হিসেবে ব্যবহৃত হতো?  
\_\_\_\_\_ পদার্থ প্রাচীন কালে পোশাক হিসেবে ব্যবহৃত হতো?

- a) Animal skins                                      b) Grass                                      c) Vines                                      d) All of these
- প্রাণীর চামড়া                                      ঘাস                                      বঁট                                      সবগুলোই
- প্রাণীর চামড়া                                      ঘাস                                      বঁট                                      সবগুলোই



98. Nicotine present in cigarettes and *beedies* stimulate the .....

~~»Gç»0%ç»0»[y]ñTöUEç»XEç»0»K ..... Eõ=ãvøL TöEõ»\*~~  
~~»Gç»0»A[y]ç»[y]ñTöUEç»XEç»0»K ..... ãEõ=ãvøL TöEõ[y]»\*~~

- a) respiratory system      b) productive system      c) nervous system      d) blood circulatory system  
~~»X Töb-      LXX Töb-      0»[ç]Töb-      »Np»t»ç X Töb / [y]Np»t»ç X Töb-~~

99. An example of monocot plant .....

~~..... AEõ[y]L YyY=»ãV» A0ç=Vç»S\*~~  
~~..... AEõ[y]L YyY=»ãV\*~~

- a) coconut      b) almond      c) sun flower      d) mango  
~~Xç»Eõ / Xç[y]Eõ      [y]ç      aBó]ÉY/ aÉi]ÉY      %ç]~~

100. The energy releasing process in living organism is .....

~~L Yç/ ..... » Yçç` »Np»XGTöEõ»\*~~  
~~L Yç/ ..... Yçç` »Np»XGTöEõ[y]»~~

- a) reflex action      b) respiration      c) blood circulation      d) reproduction  
~~Yçç/ »yçç      »X      »Np»t»ç X / [y]Np»t»ç X      YççX~~

XXX THE END XXX