



(2)

4. The 16th SAARC SUMMIT was held in 2010 at-  
2010 TõEõ`bia`X EdTõ%XõEõc`% ?  
2010 aXlyadõ`bia`X EdTõ`%XõEõc` ?

- a) Katmandu                      b) Thimpu                      c) Islamabad                      d) Dhaka  
EõPõç`                      ðYç                      +%-çdY// +a\_çdY                      RõEç

5. How many Rajya Sabha Seats are there in Assam ?  
%a]Tõ]õ»Li a\õ` %aX» aeFiçEdõ ?  
%ca] [yLi a\õ]õ`%aX aeFiçEdõ?

- a) 126                      b) 7                      c) 10                      d) 14

6. The first state of India where the Chief Minister was elected by lottery :-  
õTõ Edõ »LiTõ Yõ][õ» [yã]Ei]õ\_õYãcã X[yãTõEõc`% ?  
õ]ãõYEdõ [yLi Yõ][yã]Tõ]Ei]õ\_X[yãTõEõc`õ\_õ[yã]õ]ã ?

- a) Maharashtra                      b) Madhya Pradesh                      c) Meghalaya                      d) Mizoram  
]çõõ/ ]çõõ                      ]W Yõ`                      ãHç`                      ãLõç / ãLõç

7. The new symbol of Indian rupee ₹ has been designed by -  
õTõ ]õõ` ₹ YõEõ`õ X]KçEdõ Eõ`õ ?  
õ]ãõ ]õõ` ₹ YõEõ`õ X]KçEdõ Eõ`õ ?

- a) R. Ashok Kumar                      b) D. Uday Kumar                      c) P. Rabindra Kumar                      d) None of the above  
%õ` ã Edõõ                      õ=V` Edõ                      ã »[yVEdõ                      CY»» AõC Xç`  
%õ` ã Edõõ                      õ=V` Edõ                      ã [yVEdõ                      AEõõ X`

8. The bathing soap Dove, Liril, Lifebuoy, and Pears are the product of .....  
ÇãPçãYõ õõõ` »\_ çZõ` %õõYõõEõ` =dYõVõõõGõ?  
õõ EdõYãõõ õõõ` »\_ çZõ` A[yõYõõEõ` =dYõVõõõGõ?

- a) Marico Company                      b) Hindustan Unilever                      c) Godrej                      d) Procter and Gamble  
ã»ãçãõYõY                      çVõõ +=Xõ`                      GVõL                      Yõ» A%õõõ  
ã]yEçãõYõY                      çVõõ +=Xõ`                      GVãY                      Yõ]yA%õõõ

9. Which Indian city was known as Pragjyotisha or "The city of Astrology" in ancient time ?  
Yõõõ`õTõ Edõ XG»EõYõGãLiçõ [yãLiçõ XG»Y]E Edõc`% ?  
Yõõõ`õ]ãõYEdõ XG]EõYõGãLiçõ' [yãLiçõ XG]Y]ççTõ?

- a) Jaipur                      b) Guwahati                      c) Bhubaneswar                      d) Cuttack  
LRYç                      m`çõY                      \õõ` õ                      EõEõ  
LRYç                      m`çõY                      \õõ` õ                      EõEõ

10. Who can seek information under the RTI Act 2005 ?

RTI 2005 Act under which information can be sought?  
RTI 2005 Act under which information can be sought?

- a) A group of person      b) Individual citizen      c) A registered company      d) An association/society
- [yAlpa]x0      [yAlGT0XG]E0      A00YtVEB0aE0Y0Y      A00 ae00
- [yAlpa]x0      [yAlGT0XG]E0      AE00YtVEB0aE0Y0Y      AE00ae00

11. According to the Census 2011 the sex ratio (females per thousand males) in India is :

2011 Census according to sex ratio (females per thousand males) in India is :  
2011 Census according to sex ratio (females per thousand males) in India is :

- a) 900      b) 1058      c) 933      d) 946

12. If you are working and living at Delhi, can you be a voter in your native village ?

^V %cYX %C b^ X [yaY%0]T0aT0E0]T0aT0]0%0V0X0 \*L G0C00a0000 c^ [yY0] [y] ?  
^V %cYX %C [y [yaY%0]T0aT0E0]T0aT0]0%0V0X0 \*L G0C00a0000 c^ [yY0] [y] ?

- a) Yes, you can      b) No, you can't      c) In both place you can      d) Only in your living place you can
- c^, %cYX Y0] [y      Xc^, a^c^0      V0^c P0a^T0Y0] [y      aE0/ [y [ya E0^c P0a^T0Y0] [y
- c0c %cYX Y0] [y      Xc %cYX Y0] [y Xc      V0^c00a^+ Y0] [y      EV0XaL [y [ya E0^c00a^ Y0] [y

13. Which of the following batsmen has hit the maximum number of sixes in an ODI Cricket Match ?

A^X0^c%0L0E00y0E0T0T0 » a0XLX 0]00] a [yV0E0aE0iE0K^ a0]0 ?  
X00y0E0X a^0\_0^00AE00a [y0y0E0]0a [yV0E0aE0iE0K^ ]0]0 ?

- a) S.R. Watson      b) X.M. Marshall      c) S.T. Jaysurya      d) M.S. Dhoni
- AK=%0^ C^00KX      Aj A] ]0^ i\_      AK=0L^a^i      A] AK=a^X^Y
- AK=%0^yC^00aX      Aj A] ]0^ i\_      Aa 0L^a^i      A] Aa a^X^Y

14. Under which Act, the Election Commission of India Conducts the Election ?

aE0X %0^X » %M^T0^0^T0^ X [y0X^%0^0^0 X [y0X Y » ]0^ XcE0 » ?  
^0]0^0^ X [y0X^%0^0^0 aE0X %0^0^0^0 X [y0X Y ]0^ XcE0]0^ ?

- a) Peoples Representation Act of India      b) Peoples Regulation Act of India
- X^Y0^0 » a^V0^0^0 X Ak0%3/4+^0^0^      X^Y0^0 » ma\_0^0 Ak0%3/4+^0^0^
- X^Y\_a ]0^V0^0^0 X Ak0% [y+^0^0^      X^Y\_a 0^0ma\_` X Ak0% [y+^0^0^
- c) Indians Peoples Representative Act      d) Indian Peoples Representative Act
- +^0^0^0 X^Y0^0 » a^V0^0^0 X Ak0%3/4+^0^0^      +^0^0^0 X^Y0^0 » a^V0^0^0 X Ak0%3/4+^0^0^
- +^0^0^0 X^Y\_a ]0^V0^0^0 X Ak0% [y+^0^0^      +^0^0^0 X^Y0^0 » ]0^V0^0^0 X Ak0% [y+^0^0^

15. Where is the IPL (Indian Premier League) Head Quarters located ?

IPL কাদের দ্বারা পরিচালিত হয়?   
 IPL (ভারতীয় প্রিমিয়ার লিগ) এর মূল কার্যালয় কোথায়?

- a) New Delhi b) Mumbai c) Kolkata d) Hyderabad
- নতুন দিল্লী মুম্বাই কলকাতা হায়দরাবাদ

16. 'Vanar Sena' which participated in freedom struggle of India was led by -

ভানর সেনা ভারতের স্বাধীনতা সংগ্রামে অংশগ্রহণ করেছিল। এটি কে পরিচালনা করেছিলেন?

- a) Sarojini Naidu b) Indira Gandhi c) Vijoy Lakshmi Pandit d) Annie Besant
- সরোজিনী নায়দু ইন্দিরা গান্ধী বিজয় লাক্ষ্মী পান্ডিত অ্যানি বেসান্ট

17. Gandhiji was referred to as "Mahatma" first by whom ?

গান্ধীজীক প্রথমে কোনে 'মহাত্মা' নাম দিছিল?   
 কে প্রথম গান্ধীজীকে 'মহাত্মা' নামে সম্বোধন করেন?

- a) Subhas Ch. Bose b) Rabindra Nath Tagore c) Mohd. Iqbal d) Abul Kalam Azad
- সুবহাষ চন্দ্র বসু রবীন্দ্রনাথ ঠাকুর মুহম্মদ ইকবাল আবুল কালাম আজাদ

18. The storage device that has high cost per bit of storage is :

যে স্টোরেজ ডিভাইসের প্রতি বিটের স্টোরেজ খরচ বেশি তা হল -

- a) SDRAM b) Cache Memory c) ROM d) Hard Disk
- SDRAM ক্যাশ মেমোরি ROM হার্ড ডিস্ক

19. When did Women first participate in the Olympic Games ?

মহিলাদের প্রথম অলিম্পিক গেমসে অংশগ্রহণের বছর কত?

- a) 1896 b) 1900 c) 1912 d) 1932

20. Which dance form is also known as 'Dasi Nattam' ?

কোন নৃত্যরূপকে 'দাসী নট্টম' বলা হয়?

- a) Kathakali b) Bharat Nattyam c) Mohini attam d) Odissi
- কথাকালী ভারত নট্ট্যম মোহিনী অট্টম ওড়িসী

(5)

21. Which Sanskrit term meaning "assembly" refers to an important unit of self-government in Hindu society ?

ae-ñò\òò» ÆòXò` (e+ eV[Ca]dL» Òñ-òcaX [y³/ò» A-òòòò[ç d ?  
ae-ñò\òòòyÆòX` (e-òeV[Ca]dL [yòñ-òcaX [y[òñyAEòòm[òòSiAEòòEò[yòñ ?

- a) Sabha a\ç                      b) Panchayat YtuñTò                      c) Sangha adH                      d) Baithak çyEò

22. What is the full form of GDP ?

GDP » YSi»Ü Æò?  
"L òò" A[yañYñi[y Æò?

- a) Gross Domestic Product ]òH»òç=dYd/X                      b) Gross Development Product ]òñ-ñX=dYd/X  
ajòòHajç=dYd/X                      ajòòñ-ñX=dYd/X  
c) Government Direct Product ]òEò»YÜòIù=dYd/X                      d) Government Development Product ]òEò»Y-ñS=dYd/X  
ajEòYÜòIù=dYd/X                      ajEòY-ñS=dYd/X

23. A Cricket player from Assam is playing in the IPL tournament for Mumbai Indians. What is his name ?

IPL ]òç[òTò]ò» +%òòò è::F\_ç%a]» Æ\_ò/LX» Xç Æò?  
IPL ]òç[òò]ò» +òòòaa %aa[yäF\_a\_òòc+\_ -

- a) Shubham purkayastha E\ç YEòòò                      b) Pritam chakraborty YÜç ]yò/òò                      c) Abu Nechim %ç[òX\*]                      d) Amal Mazumdar %]\_ ]L]Vò  
E\ç YEòòò                      YÜç ]yò/yò                      %ç[òX\*a]                      %]\_ ]L]Vdý

24. Which of these is India's only Corel Island ?

Tò » ÆòXòAEòç \òTò YÜç ¥W ?  
XñòyÆòòò\òTòyAEòç YÜç ¥W ?

- a) Land fall à\_%ò                      b) Lakshadweep \_çì¥Y                      c) Majuli ]ççY                      d) Car Nicobar Eò» XÆòç / EòyXÆòçy

25. Where did the concept of democracy originate ?

EòTòYÜà] GSTòò W»So» LX%ç% ?  
çp ñyæòd "GXTòòy W]XçyLX%ç ?

- a) Greece Gñòò                      b) England +eà\_%ò                      c) USA %ç[»EòTò                      d) France ZñTòò  
Gñ                      +eà\_%ò                      %ç[çYç                      Zña



(7)

36. The ----- words of the mother comforted the ..... child  
a) soothing, disappointed    b) harsh, naughty.    c) sweet, happy    d) soft, energetic
37. The sentence given here in Active Voice will be changed to which of the following in Passive Voice ?  
"I know him . "  
a) He is known by me    b) I am known by him    c) He is known to me.    d) He is known for me.

Choose the word **nearest in meaning** to the word in *italics*

38. The chairman conducted the meeting with ***aplomb***.  
a) Arrogance    b) annoyance    c) poise    d) authority
39. The eyewitness testimony was ***incontrovertible***.  
a) Debatable    b) unquestionable    c) unacceptable    d) disputable

Choose the word that is **opposite in meaning** to the word in *italics*

40. He appears to be a ***phoney*** person  
a) Duplicate    b) genuine    c) dishonest    d) talkative

Some parts of each of the following sentences, have been jumbled up. You are required to choose the correct sequence to rearrange these parts which are underlined and labeled P, Q, R, S so as to produce the correct sentence.

41. In fact how bank market their services high number of bank accounts per person has more to do with.  
                                P                                  Q    R    S

The correct sequence should be :

- a) RPSQ    b) QSPR    c) RSPQ    d) QPSR
42. The government has assured the people that in the Kargil operation who have sacrificed their lives  
will be properly looked after the families of all those soldiers.  
  P    Q  
  R    S

The proper sequence should be :

- a) PSRQ    b) SQPR    c) SRQP    d) SPRQ

(8)

Pick out the correct meaning of the following idioms in bold italics.

43. The professor said to the student, "My **hands are full** ". The student felt let down..

- a) I am having a lot of things to carry                      b) I am helpless  
c) I am anxious    d) I am very busy

44. The stern looking Mathematics teacher has left our school. I'd say ,it's a **good riddance**.

- a) I am happy. We have got rid of a disagreeable person.      b) I am sorry , he was a very good teacher.  
c) The students will miss him very much                              d) It will be very much resented by the students.

In the following sentences **six parts** are given. The position of sentence 1 and 6 are **fixed**. The rest of the parts are numbered as P , Q , R , S which are **jumbled**. Arrange these four parts in a meaningful sequence marking the correct order of arrangement.

45. 1. He tried the door.

- P. the room was neat and clean  
Q then he stepped in to the room.  
R. he waited for a minute or two.  
S. it opened easily and he peeped in.  
6. he was careful not to touch anything.

- a) PQRS                              b) QSPR                              c) RPQS                              d) SPRQ

46. 1. Hobbies can fill our spare.

- P. physical fatigue, and  
Q. moments with enjoyment.  
R. and pleasure , they also relieve  
S. mental tiredness and  
6. do not hinder our regular work.

- a) RQPS                              b) QRSP                              c) SQPR                              D) PQSR

47. Which word does NOT belong with the others?

- a) dodge                              b) flee                              c) duck                              d) avoid

48. Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.

ELEPHANT : PACHYDERM

- a) mantis : rodent                      b) poodle : feline                      c) kangaroo : marsupial      d) zebra : horse

49. 'Fire' is related to 'Ashes' in the same way as 'Explosion' is related to :

- a) sound                              b) flame                              c) explosive                              d) debris



50. Here are some words translated from an artificial language.

- tamceno* means sky blue
- cenorax* means blue cheese
- aplmitl* means star bright

Which word could mean "bright sky"?

- a) cenotam
- b) mitltam
- c) raxmit
- d) aplceno

General Mathematics / ~~adib S G\*Stö/ adilyx G\*Stö~~

51. The set of all irrational numbers is closed for .....

~~aEö ç%Y»a] aeFiç acc:To..... YöÖ çacYalü%dyü~~  
~~aEö %Y»a] aeFiçacc:To..... YöÖ çacYalü%dyü~~

- a) Addition ~~äG~~
- b) Multiplication ~~YöS~~
- c) Division ~~c»S~~
- d) None of these ~~AOç XcF~~

52. The additive inverse of  $3x - 4 + \frac{x}{2x-1}$  is .....

~~3x - 4 + \frac{x}{2x-1} » äGçEö»Y»TöaeFiçç~~  
~~3x - 4 + \frac{x}{2x-1} A]y äGçEö»Y]TöaeFiçç-~~

- a)  $\frac{6x^2-10x+4}{2x-1}$
- b)  $-3x + 4 - \frac{x}{2x-1}$
- c)  $-3x + 4 + \frac{x}{2x-1}$
- d)  $-3x + 4 - \frac{x}{1-2x}$

53. If  $P = \frac{X^3+Y^3}{(x-y)^2 + 3xy}$ ,  $Q = \frac{(x+y)^2-3xy}{x^3 - y^3}$  and  $R = \frac{xy}{x^2 - y^2}$  then the value of  $(P \div Q) \times R$  is .....

~~^» P = \frac{X^3+Y^3}{(x-y)^2 + 3xy}, Q = \frac{(x+y)^2-3xy}{x^3 - y^3} %»0/ A]e R = \frac{xy}{x^2 - y^2} çF, a]ö]Tö]y (P÷Q) X R » / A]y]ç~~ .....

- a) x+y
- b) xy
- c) x-y
- d) None of these ~~AOç XcF/ AEöç X]T~~

54. For what value of k, the system of equation  $kx-y=2$ ,  $6x-2y=3$  has infinitely many solutions ?

~~'k' » Eö]ç» [y] kx-y=2, 6x-2y=3 a]EöS Yöç V %aeFiçç]ç]X UçEçy?~~  
~~'k' A]y»Eö]ç]X kx-y=2, 6x-2y=3 a]EçY Yöç V]Tö%aeFi a]ç]X UçEçy?~~

- a) k = 3
- b) k ≠ 4
- c) k = 6
- d) does not exist ~~äöç]ç]X Xç/ äöX ]ç]Xç~~

55. If  $\frac{x}{b} = \frac{y}{a}$ ,  $bx+ay = a^2+b^2$ , then the value of (x,y) are .....

$\frac{x}{b} = \frac{y}{a}$ ,  $bx+ay = a^2+b^2$ , find the value of (x,y) .....

- a) (a,b)
- b) (a, - b)
- c) (b, - a)
- d) (b,a)

56. If  $a = b = c$ , then the roots of the equation  $(x-a)(x-b)+(x-b)(x-c)+(x-c)(x-a) = 0$  are .....

$a = b = c$ , find the roots of  $(x-a)(x-b)+(x-b)(x-c)+(x-c)(x-a) = 0$  .....

$a = b = c$ , find the roots of  $(x-a)(x-b)+(x-b)(x-c)+(x-c)(x-a) = 0$  .....

- a) real and unequal
- b) imaginary
- c) real and equal
- d) None of these

57. The roots of the equation  $\frac{x^2}{2}+bx+c = 0$  are integers, if .....

$\frac{x^2}{2}+bx+c = 0$  are integers, if .....

$\frac{x^2}{2}+bx+c = 0$  are integers, if .....

- a)  $b^2-2c > 0$
- b)  $b^2-2c$  is the square of an integer and b is an integer
- c) b and c are integers
- d) b and c are even integers.

58. Which of the following statements is not true ?

Two right triangles are similar if their hypotenuses are in the same ratio as their corresponding sides.

- a) Any two right triangles are similar
- b) A square is similar to a rectangle
- c) Any two rectangles are similar
- d) None of the above

59. In a quadrilateral ABCD, AD= BC. If P,Q,R,S are mid points of AB, AC, CD and BD respectively then .....

ABCD is a parallelogram. AD= BC. P, Q, R, S are mid points of AB, AC, CD and BD respectively. PQRS is a rhombus.

- a) PQRS is a rhombus
- b) PQRS is a square
- c) PQRS is a rectangle
- d) None of these

60. If  $\sin \alpha + \operatorname{cosec} \alpha = 2$  then  $\sin^n \alpha + \operatorname{cosec}^n \alpha = \dots\dots\dots$

$\sqrt{\sin \alpha + \operatorname{cosec} \alpha = 2}$   $\Rightarrow \sin^n \alpha + \operatorname{cosec}^n \alpha = \dots\dots\dots$   
 $\sqrt{\sin \alpha + \operatorname{cosec} \alpha = 2}$   $\Rightarrow \sin^n \alpha + \operatorname{cosec}^n \alpha = \dots\dots\dots$

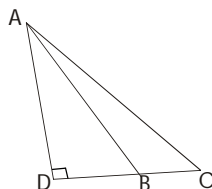
- a)  $n(\sin \alpha + \operatorname{cosec} \alpha)$
- b) 2
- c)  $\frac{n}{\sin \alpha + \operatorname{cosec} \alpha}$
- d) None of these

61. A ladder of 20 m long touches the wall at height of 10 m. The angle made by it with horizontal is  $\dots\dots\dots$

$\sqrt{20^2 - 10^2} = 10 \Rightarrow \sin \theta = \frac{10}{20} = \frac{1}{2} \Rightarrow \theta = 30^\circ$

- a)  $30^\circ$
- b)  $60^\circ$
- c)  $45^\circ$
- d) None

62. In the figure angle B is obtuse. Then  $AC^2 = \dots\dots\dots$



$AC^2 = AD^2 + DC^2$

$DC = DB + BC$

- a)  $AB^2 + BC^2 - 2BC \cdot BD$
- b)  $AB^2 + BC^2$
- c)  $AB^2 + BC^2 + 2BC \cdot BD$
- d)  $AD^2 + BD^2$

63. A wire bent in the form of a circle of radius 42 cm is cut and again bent in the form of a square. The ratio of the regions enclosed by the circle and the square in the two cases is given by  $\dots\dots\dots$

Area of circle =  $\pi r^2 = \pi (42)^2$   
Area of square =  $(2r)^2 = (84)^2$

Ratio =  $\frac{\pi (42)^2}{(84)^2} = \frac{\pi}{4}$

- a) 11:12
- b) 21:33
- c) 22:33
- d) 14:11

64. A hollow sphere of internal and external diameters 4 cm and 8 cm respectively is melted into a cone of base diameter 8 cm. Find the height of the cone ?

Volume of hollow sphere =  $\frac{4}{3}\pi(R^3 - r^3) = \frac{4}{3}\pi(4^3 - 2^3)$

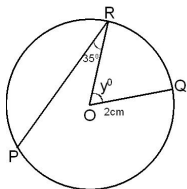
Volume of cone =  $\frac{1}{3}\pi r^2 h = \frac{1}{3}\pi(4^2)h$

- a) 14 cm
- b) 12 cm
- c) 16 cm
- d) None



69. O is the centre of the circle as shown in the diagram. The distance between P and Q is 4 cm. Then the measure of  $\angle ROQ$  is .....

৬৯. O কেন্দ্রীয় বৃত্তের মতামত ডায়াগ্রামে দেখানো হয়েছে। P ও Q এর মতামত ৪ সেমি। তখন  $\angle ROQ$  এর মতামত .....



- a)  $y^\circ$
- b)  $35^\circ$
- c)  $105^\circ$
- d)  $70^\circ$

70. If  $\frac{x}{a} \cos \theta + \frac{y}{b} \sin \theta = 1, \frac{x}{a} \sin \theta - \frac{y}{b} \cos \theta = 1$  then

- a)  $x^2 + y^2 = a^2 + b^2$
- b)  $\frac{x^2}{a^2} + \frac{y^2}{b^2} = 2$
- c)  $a^2x^2 + b^2y^2 = 1$
- d) None of these

কোনটি সঠিক / None of these

71. If the difference between SI and CI on a certain sum of money for 3 years at 10% p.a is Rs. 15.50. The sum is .....

৭১. কোনো নির্দিষ্ট অর্থের উপর ৩ বছর ১০% বার্ষিক সুদের হারের মধ্যে SI ও CI এর পার্থক্য ১৫.৫০ টাকা। অর্থের পরিমাণ কত?

- a) Rs. 1,000
- b) Rs. 500
- c) Rs. 1,500
- d) Rs. 2,000

72. Which step in the following problem is wrong ?

নিচের সমস্যাটির কোন ধাপ ভুল? Step

$a = b = 1$

$a = b$

Step 1 :  $a^2 = ab$

Step 2 :  $a^2 - b^2 = ab - b^2$

Step 3 :  $(a+b)(a-b) = b(a-b)$

Step 4 :  $a+b = \frac{b(a-b)}{(a-b)}$

$a+b = b$

$1+1 = 1$

$2 = 1$

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









84. Which of the following metal can prevent the corrosion of tin ?

ՏՆ-ը քայքայվելուց կանխելու համար ի՞նչ մետաղ կօգտագործվի ?

- a) Zn
- b) Cu
- c) Pb
- d) Ag

85.  $Pb(NO_3)_2 \rightarrow 2PbO + nA + O_2$

What is nA in the given reaction ?

Տրված ռեակցիայում nA-ն ի՞նչ է ?

- a)  $4NO_2$
- b)  $2NO_3$
- c)  $2PbNO_2$
- d)  $NO_2$

86. The compound formed during electrolysis of brine is .....

Լուծույթի էլեկտրոլիզի ընթացքում առաջանում է.....

- a)  $Cl_2$
- b)  $H_2$
- c) NaOH
- d) None of these

87. N, P, As and Sb react with  $O_2$  to form  $N_2O_5$ ,  $P_4O_{10}$ ,  $As_4O_{10}$  and  $Sb_4O_{10}$  respectively. Of all these, the most acidic oxide is .....

N, P, As և Sb-ը  $O_2$ -ի հետ ռեակցիայի արդյունքում առաջանում են  $N_2O_5$ ,  $P_4O_{10}$ ,  $As_4O_{10}$  և  $Sb_4O_{10}$  միացություններ։ Այս բոլորից ամենաթթվային օքսիդը.....

N, P, As և Sb-ը  $O_2$ -ի հետ ռեակցիայի արդյունքում առաջանում են  $N_2O_5$ ,  $P_4O_{10}$ ,  $As_4O_{10}$  և  $Sb_4O_{10}$  միացություններ։ Այս բոլորից ամենաթթվային օքսիդը.....

- a)  $N_2O_5$
- b)  $P_4O_{10}$
- c)  $As_4O_{10}$
- d)  $Sb_4O_{10}$

88. Rust is a mixture of .....

Ռոստը.....

- a) FeO and  $Fe(OH)_2$
- b) FeO and  $Fe(OH)_3$
- c)  $Fe_2O_3$  and  $Fe(OH)_3$
- d)  $Fe_3O_4$  and  $Fe(OH)_3$

89. Which of the following is obtained when methanol vapours mixed with a small amount of air are passed over copper catalyst at high temperature ?

Մեթանոլի գոլորտերը, որոնք խառնված են օդի փոքր քանակությամբ, անցնելով պղնձի կատալիզատորի վրայ բարձր ջերմաստիճանում, առաջանում է.....

- a) Methanol
- b) Methanoic acid
- c) Methane
- d) Ethanol

90. The ores of an element 'X' generally found on earth crust and its oxide give strong alkalies. Then 'X' belongs to .....

- a) I group
- b) II group
- c) III group
- d) IV group

91. The general formula of carboxylic acids is .....

- a)  $C_nH_{2n+1}OH$
- b)  $C_nH_{2n}O$
- c)  $C_nH_{2n}O_2$
- d)  $C_nH_{2n+2}$

92. Bile contains .....

- a) Protein digesting enzymes
- b) Carbohydrate digesting enzymes
- c) Fat splitting enzymes
- d) All of these

93.  $O_2$  evolved in photo synthesis is .....

- a) from water
- b) from  $CO_2$
- c) from  $H_2O$  and  $CO_2$
- d) from air

94. The chief function of lymph nodes in mammalian body is to .....

- a) destroy the old red blood cells.
- b) Produce WBCs
- c) Collect and destroy pathogens.
- d) Produce a hormone.

95. Which of the following is not a ductless gland ?

Tö » äÖX{YX\_ Vj:K GñbXc† .....  
XñbÿäÖX\_ÖX\_ Vj:K GñbX†

- a) Adrenal  
A-ÖX\_ %VBS\_
- b) Thyroid  
Uç»+Öö Uç{y†Öö
- c) Pituitary  
XÖÖÖY XÖÖÖY
- d) Liver  
^Eñö ^Eñö

96. Which of the following protects the brain from shocks ?

Tö » äÖX{ÖÖ} » ÖEö%ÖÖ Y»ç » IçEö ?  
XñbÿäÖX\_ÖÖ} » ÖEö%ÖÖç+äÖ{y† ?

- a) Cranium  
äÖ{†
- b) Cerebrospinal fluid  
äÖ{ÖÖçXc\_ »a/ äÖ{ÖÖçXc\_ {y
- c) Duramater  
ÖÖ'äTö/ ÖÖ{äÖö
- d) Arachnoid membrane  
%EñX+Öö%ç%S/ %EñX+Öö%ç{†

97. Which of the following are non-essential parts of flowers ?

Tö » äÖX{ÖÖ%e` ZÖ » {y{y%Töç% iEö† Xc† ?  
XñbÿäÖX\_ÖÖ%e` ZÖ\_ {yLXi %Töçy iEö† Xi† ?

- a) Calyx and gynoecium  
{yñö%ç%ÖG\Ö%ö {yñöA{yç\Ö%ö
- b) Calyx and Corolla  
{yñö%ç%ÖYçç= {yñöA{yçYçÖb
- c) Corolla and androecium  
Yçç=%ç%ÖYçç%ö YçYçbA{yçYçç%ö
- d) Androecium and gynoecium  
Yçç%ç%ç%ÖG\Ö%ö Yçç%ç%ç%ç%ö

98. Darwin felt that individual variations within a population arose -

Öç%+X» ]äÖYÖçTö {yNpa]xö ]çLÖYbös ..... ç†\*  
Öç{y+ä{y]äÖYÖçTöç{yNpa]xöYbös ..... ç†\*

- a) By design  
GpX» Yçç GpX{yçç
- b) Spontaneously  
স্বতঃ স্ফূর্ত \çç{y স্বতঃ স্ফূর্ত \çç{y
- c) As a result of need  
YççLX açç{y\ù YççLX açç{y\ù
- d) At a predictable rate  
%XççXçççTö %XççXççççç

99. Ozone layer is destroyed due to .....

%'LX ÖÖ» %3/4 ä » EöçS .....  
%'LX Öççy%{y{yEççS .....

- a) CFC
- b) CO<sub>2</sub>
- c) SO<sub>2</sub>
- d) NH<sub>3</sub>

(20)

100. In which of the following organ haemoglobin is broken down into bilirubin and biliverdin ?

Tö » äÖKäD %cGTöc] 'GAY, >y »ÖYX %φ>Öy\_ [p>ÖÖé\_ »ÖdW c† ?  
XÖyEöX>ö%at >e] 'GAY, >y\_ [ÖYX A[y >y\_ [yÖak [yÖdWc† ?

a) Intestine

b) Lung

c) Liver

d) Spleen

IÖÖ-

cçCgZöCgZöZö

^EÖ

%GÖ ↑

XXX THE END XXX