

AJMAL NATIONAL TALENT SEARCH (ANTS) EXAMINATION - 2011

Class : H.S.

Time / সময় : 2 hours / ১২০

Full Marks / পূর্ণমার্ক : 100 (40+40+20)=100

General Studies

1. In which year was India's capital shifted from Kalkata to Delhi ?
 কলকাতা থেকে ভারতের রাজধানী কোথায় সরিয়ে নেওয়া হয়েছিল ?
 কলকাতা থেকে ভারতের রাজধানী কোথায় সরিয়ে নেওয়া হয়েছিল ?
 a) 1935 b) 1900 c) 1911 d) 1929

2. In which of the following locations India's first civilization was flourished ?
 নিচের কোন স্থানে ভারতের প্রথম সভ্যতা ফুলে ফুলে ফুলে ?
 নিচের কোন স্থানে ভারতের প্রথম সভ্যতা ফুলে ফুলে ফুলে ?
 a) Deccan b) Indus Valley c) Gangetic Planes d) Kashmir
 দেকান সিন্ধু উপত্যকায় গঙ্গা উপত্যকা কাশ্মীর
 দেকান সিন্ধু উপত্যকায় গঙ্গা উপত্যকা কাশ্মীর

3. Who defeated the Marathas in the third battle of Panipat ?
 পানিপতের তৃতীয় যুদ্ধে মারাঠাদের কে পরাজিত করেছিল ?
 পানিপতের তৃতীয় যুদ্ধে মারাঠাদের কে পরাজিত করেছিল ?
 a) The British b) The Afghans c) The Mughals d) The Rajputs
 ব্রিটিশ আফগান মুঘল রাজপুত

4. The seven sacred rivers of India are known as :
 ভারতের সাতটি পবিত্র নদী কী নামে পরিচিত ?
 ভারতের সাতটি পবিত্র নদী কী নামে পরিচিত ?
 a) Saptavahini b) Saptatirtha c) Saptasindhu d) Saptakshetra
 সপ্তবাহিনী সপ্ততীর্থ সপ্তসিন্ধু সপ্তক্ষেত্র

5. Air bubble in water shines because of the phenomenon of :
 পানিতে বাতাসের বুদবুদ কেন ঝলম্বা করে ?
 পানিতে বাতাসের বুদবুদ কেন ঝলম্বা করে ?
 a) Dispersion b) Refraction c) Diffraction d) Total internal reflection
 বিক্ষিপ্ততা প্রতিফলন বিকিরণ পূর্ণ অভ্যন্তরীণ প্রতিফলন

6. What are primary colours ?

YQl]Eo»e a]p» Eo»Eo?
YQl]Eo]e Eo]ma_c?

a) Colours of the rainbow

»cl]a]XG»e a]p»
]y]a]XG]yma_c

b) Colours in the spectrum of white light

]y]c]a]c»Toa»»a]o»]o a]»o
a]c]c%ca_d a»»]y]o]a]o]ya]»o

c) Colours which cannot be produced.

^a]p» »e E]b]y] \ca]y]YQl]o]Eo»]y]a]c]c/»
a]ma_c]e E]b]y] \ca]y]YQl]o]Eo]c^d]Xc

d) Colours found in nature

Y]b]b]t]o]a]m]c]c»e a]p»
Y]b]b]t]o]o]Y]c]i]c]yma_c

7. Which of the following is covered under the original jurisdiction of the Supreme Court of India ?

To » Eo]X]o]c]»]p] \o]»To =]d]d] Xid]c »]E]y]o]a]i]y» %d]»]p]X ?
Xa]d]y]Eo]c]o]»]p] \ca]y]o]c]y =]d]d] Xid]c a]y]E]y]o]a]i]y]y% d]»]p]X ?

a) Dispute relating to civil matters

a]»]X]Y]y]y]
a]c]i]o]X]y]d]_c

b) Dispute relating to criminal cases involving murder

c]»o]»_G]T]o]L]o]b]o]a]z]o]L]V]d]y]y]y]
c]»o]d]y]a]a]t] z]o]L]V]d]y]d]_c

c) Disputes between two States of the Indian Union

\o]»To VEX »d]i»]d]» »]y]y]
\ca]y]o]c]y]V]d]y]a]i]y]y]y]

d) Disputes between two citizens of two states

V]c] »d]i» V]c] X]c]»E]o]]d]» »]y]y]
V]c]]y]a]i]y]V]c] X]c]y]E]o]y]W]y]y]

8. Zero based budgeting (ZBB) lays emphasis on :

Zero based]y]a]L]o]»E]o]»CY»T]o]»]E]o]m]»o]b]a]a] ?

Zero based]y]a]L]o]»E]o]a]y]CY]y%»]E]o]m]y]o]b]a]a] ?

i) Unlimited deficit financing

%a]d]T]o]H]c]o]»]y]no
%a]d]T]o]H]c]o]»]y]no

ii) Preparing new budget right from scratch :

`]b]i]» Y]»c]X]T]o]E]o]e]T]o]» E]o]c]]y]a]L]o]
`]b]i] a]a]E]o]X]T]o] \ca]y]e]T]o]y]]y]a]L]o]

iii) Preparing the budget neglecting history of expenditure

Y]c]s]y]i]» F]»T]o]X] K]c]_c]»E]o]E]o]c]]y]a]L]o]
Y]y]]y]a]]y]F]»T]o]X] K]c]_c]e]T]o]y]]y]a]L]o]

Choose the correct answer based on the above statements :

CY»T]o]=a]c]F]T]o]T]o]i]» %d]p]»T]o]E^u =w»]y]c]o]=x_C]c]-
CY]a]y]=a]c]F]T]o]=]p]»]a]o]a]T]o]E^u=w]y]V]c]-

a) i, ii & iii

b) i & ii

c) ii & iii

d) None of the above

9. Limited liability means :

අඩු වගකීමක් ලෙස
අඩු වගකීම

- a) The number of shares in the company is strictly limited.
අඩු වගකීමක් ලෙස
අඩු වගකීමක් ලෙස
- b) Shareholder is only liable for the Debts of the company to the extent of the unpaid value of his shares.
අඩු වගකීමක් ලෙස
අඩු වගකීමක් ලෙස
- c) All shareholders have the same liability for the company's debts.
අඩු වගකීමක් ලෙස
අඩු වගකීමක් ලෙස
- d) Shareholder is only liable for the debts of the company limited to the profits.
අඩු වගකීමක් ලෙස
අඩු වගකීමක් ලෙස

10. Who was the first Mathematician to treat zero as a number ?

අධ්‍යයනය කළේ කවුද ?
අධ්‍යයනය කළේ කවුද ?

- a) S. Ramanujan b) Brahmagupta c) Bhaskara d) Aryabhata

11. Four Mutts (religious centres) in four corners of India were established by :

අධ්‍යයනය කළේ කවුද ?
අධ්‍යයනය කළේ කවුද ?

- a) Swami Vivekanand b) Ramkrishna Paramhans
- c) Shankaracharya d) Swami Shradhanand

12. What is the name of an application program that gathers users information and sends it to someone through the Internet ?

අධ්‍යයනය කළේ කවුද ?
අධ්‍යයනය කළේ කවුද ?

- a) A virus b) Spybot c) Logic bomb d) Security patch

13. If the day after tomorrow is Friday, what day will the third day after tomorrow be ?

^V Y»c: EyQp» c† aābEe+ē » XK» TĪd' XāāEōc:ly?
^V Y[yE EyQylyc† TāyEe_āyYlyTĪd' X·O·Eōcāy?

- a) Sunday b) Monday c) Saturday d) Friday
- »[y] / [yly]
- āc[ly] / āc[ly]
- `X[ly] / `X[ly]
- EyQp / EyQy

14. You get up in the morning and the first thing you need to do is use the facilities. Humans excrete most nitrogen-based wastes in urine using which molecule ?

]cE:»c†Vc= PōYQEdp a]iToāy y _GTō%»EōXc·āLX ^Ŋp·EōYVdīTōG Eō» ?
]cE aEe_ āy cYQEdp]ya]i Yōāyācū %»EōXc·āLX ^Ŋp·EōYVdīTōG Eōy?

- a) Ammonia b) Creatinine c) Urea d) Uric Acid
- Aā]cXc
- yōcōXcX
- +»]c / +=]c
- +»EōA·ōō / +=]EōA·āō

15. Which state is known as India's Spice Garden....?

ācX »cLiEō\pTō]ō_c]pGc]E LXC^d' ?
VāyāyācX [yLiEō]`_c]yGc]y_ ?

- a) Kerala b) Bihar c) Karnataka d) Uttaranchal
- āōc_c / āōc_c
-]y_c /]y_c
- EōiEō
- =wōcū_ / =wōcū_

16. Who was the first Indian to win the world Amateur Billiards title ?

\pTō ācX a[yō]]y V]y_ iō·FTcY %LH Eō»K_ ?
Vāyāyācā[yō]]y V]y_ iō·FTcY %LH EōyKā_X ?

- a) Geet Sethi b) Manoj Kohari c) Wilson Jones d) Michael Ferreira
- GyTōāPŊ
-]ācL āōpōy
- =+_āX-āLcXō
-]cāō-āō»»c
- GyTōā PŊ
-]ācL āōpōy
- =+_āX-āLcXō
-]cāō-āōy

17. According to the oldest Epic, who were entrusted the responsibility of building the bridge to Sri Lanka ?

YōōKTd]cEōy %Xc]y`_ō Eēē āāōX]iS» Vc† EōEōVcēK_ ?
VāyāyāYōōKTd]cEōy %Xc]y`_ō EēY^iWāōX]iS]yVc† EēēEōd]cēc†cK_ ?

- a) Nala and Neela b) Vishwakarma c) Hanuman and Sugriva d) Hanuman and Jambavanta
- Xc_c%ōXy_c
-]y Eōē
- cXcX %ōōāGŊy
- cXcX %ōōLcPāEō
- Xc_cA]yXy_c
-]y Eōē
- cXcX A]y aGŊy
- cXcX A]y Lc]yō'

18. The input used by an antenna or cable to a TV set uses frequencies called ?

AāōXc]cāōy_ VbV' KTō]y'c» EōcTōeGē..... āyā_*
ō\ōTōAāōXc]cāōy_]y]yēyEōēTōēGē.....]y_*

- a) Intermediate Frequency b) Audio Frequency c) Radio Frequency. d) Second Audio Programme
-]d]yEōTōeG
- `E TōeG
- ā·ōō% TōeG
- »Tō' `E TōeG
-]d]yEōTōēG
- `E TōēG
- āyōc TōēG
- »Tō' `E TōēG

33. If you see a big hoarding at a prominent public place were the punch line saying "We all were born free"; we all have equal rights, in all probability", the hoarding is put up by -

^V T@ »d \$%&^T00d0 »{püYX ãFçãVçç%0^T0x_Fç%çã:=""%ç} %çãã 0üYK \çãY LX½_ãç %ç]ç» aE0_ã» a] %»Eç» %çã!" ã0üã+ »püYXãç Æçãã Vãã:[]ç \ç]ç?

- a) National Commission for Farmers
»çüü Ebb0%çã Ç
[]üü Ebb %çã Ç
- b) National Human Rights Commission
»çüü]çã³MEç» %çã Ç
[]üü]çã[]çNEçãY%çã Ç
- c) Directorate of Income Tax
%çãE0» aãüç_Eç Ç
%çãEçããüç_Eç Ç
- d) Food Corporation of India.
\ç»Tüü Fçãi »XÇ]
\çãYüü Fçãi »XÇ]

34. In India, the mesmerically popular TV Game show 'Kaun Banega Crorepati,' the prize money is issued on the cheques of which bank ?

""Æçã []çXÇçÆçã»0üY»Tüü \ç»Tüü %»TüüLX»YD »ç»ãöã ç» =YçLü0XGV Yç»ç» %çãã» []çãYÆçã çãYçE0» ÆE0(NKçã) []çãç» E0ç çãç: ?

- a) SBI
æ0üãYçE0%¾+»çç
æ0üãYçE0%½+»çç
- b) HDFC
A+ç» ç0»AZç ç:»
A+ç, ç0»AZç »a
- c) AXIS
Aç ç:»
Aç ç:»
- d) ICICI
%çç, ç0»%çç, ç0»%çç
%çç, ç, %çç, »a, %çç

35. Devaluation means ?

]çü» %¾]É iç X ç:» -
]çüY%[]É iç X ç:» -

- a) To reduce value of currency
]çü»]É iãã
]çüY]É iãã
- b) To appreciate the value of currency
]çü»]É i[çü
]çüY]É i[çü
- c) To issue new currency in place of old currency
YççS]çü» a »X XTç]çü» Yü» X
Yççç]çüY»[]çãTçç]çüY Yü» X
- d) None of these
Açç Xçç
ÆEçç Xü

36. From what four word expression does the word 'good bye' derive ?

Tü» » Æçãã» Y»ç good bye (m0ü[]ç») `E» =dY»»çç:ç:» *
XããYÆçãçççãã good bye (m0ü[]ç») `ãE[]ç=dY»»ççãççç: ?

- a) 'God be with you'
G0ü»[]ç=+U +=
- b) God bye you
G0ü[]ç» +=
- c) Be good with God
»Ym0ü»=+U G0ü
- d) You be with God
+= »Y=+U G0ü

General English

Fill in the blanks

41. Those who live in----- houses should not throw ----- at others.
a) big , abuses b) own , challenges c) stone , bricks d) glass , stones.
42. Am I ----- time for the train ? By the way, is it ----- time ?
a) on, in b) in, on c) to, at d) at, to
43. A house looks incomplete without proper **encomiums** such as marble flooring and furniture. The meaning of encomium is :
a) encounters b) engagements c) emblems d) embellishments
44. _____ fall in the production of food grains is inevitable this year because of poor rainfall.
a) A b) The c) No d) Some
45. You have to enter _____ the date of birth in the job application form.
a) Into b) In c) No Preposition d) On
46. I look forward _____ you again.
a) to meet b) to meeting c) for meeting d) at meeting
47. My father is one of those who appreciate music.
a) does b) do not c) does not d) did not.
48. It's time we _____ some employment for ourselves.
a) find. b) have found. c) must find. d) found
49. The leader, with his cohorts, _____ warmly received.
a) was b) were c) has d) have.
50. He forbade us enter the house.
a) not to b) to c) do not d) to not.
51. Use your commonsense , ----- ?
a) will you ? b) won't you ? c) can't you ? d) don't you ?

52. I do not remember ever helping me.
a) his b) him c) he d) it
53. I him to be the brain behind all this mischief,
a) guess b) doubt c) suspect d) conjecture
54. Have you?
a) many luggages b) a lot of luggages c) much luggage d) too many luggage
55. The dead skin cast off by a snake is called
a) hide b) sloth c) slough d) leather
56. ----- did you give it to ?
a) who b) whom c) to whom d) to who
57. This type of disease is endemic to Asia. The meaning of 'endemic' is :
a) Not found in b) foreign to c) native to d) rare in.
- 58 The word "pachyderm" which applies to elephants, mean :
a) A heavy animal b) an animal with a trunk
b) A thick skinned animal d) a herbivorous animal.
- 59 "Emetic" is a medicine to cause
a) bleeding b) sleep c) sweating d) vomiting
- 60 The likeness or representation of a person, made of cardboard, straw etc is :
a) Statue b) replica c) effigy d) portrait
61. One who makes and sells cushions and covers for chairs, motor-car seats is called
a) cushioner b) haberdasher c) upholster d) huckster
62. The police ----- the mob.
a) scattered b) drove c) disbanded e) dispersed
63. When morning ----- the murder was discovered.
a) occurred b) came c) arrived d) happened

(12)

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

64. The arguments of the lawyer of the accused were so ***persuasive*** that the judge acquitted him.
a) convincing b) clever c) eloquent d) logical
65. It was an ***astute*** move to sell the property at that stage.
a) shrewd b) unwise c) dishonest d) inexplicable
66. The boss's criticism left him feeling rather ***abashed***.
a) annoyed b) sad c) embarrassed d) pleased

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

67. He made an ***exhaustive*** list of items for the function.
a) short, b) incomplete c) interesting d) long
68. A circus needs at least one ***dwarf***.
a) pigmy b) undersized c) liliput d) giant
69. Most politicians take a ***myopic*** view of the important issues.
a) visionary b) farsighted c) blind d) selfish

Pick out the correct meaning of the idioms in the following sentences .

70. The editor ***blue-pencilled*** the reporter's story.
a) approved the story for publication b) censored the story.
c) praised the reporter for the story d) forwarded it for an award.
71. A ***road-hog*** is a driver who :
a) always parks his vehicle in the wrong place
b) drives in the middle of the road and does not allow other vehicles to pass.
c) picks up anybody who asks for a lift.
d) drives rashly to overtake other vehicles.
72. The UPA government ***weathered the storm*** in the 2G Spectrum scam.
a) created a storm in the parliament. b) took the blame upon itself.
c) overcame the difficulties. d) resigned.

In the following questions (73 & 74) four words are given out of which three are same in one way and one is different from the others. Select the odd one.

73. a) green b) violet c) brown d) yellow

(13)

74. a) artery b) aurum c) auricle d) aorta
75. 'Face' is related to 'Expression' in the same way as 'Hand' is related to :
a) handshake b) waving c) work d) gesture
76. Sports is related to 'Logo' in the same way as 'Nation' is related to :
a) anthem b) emblem c) icon d) flag

Find the word that forms an essential / necessary part of the underlined word..

77. Orchestra
a) violin b) stage c) musician d) soloist

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

78. DIRGE : FUNERAL
a) chain : letter
b) bell : church
c) jingle : commercial
d) hymn : concerto

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

granamelke means big tree

pinimelke means little tree

melkehoon means tree house

Which word could mean "big house"?

- a) granahoon
b) pinishur
c) pinihoon
d) melkegrana
- 80 Statement - 1 : The hotel is two blocks east of the drugstore.
Statement - 2 : The market is one block west of the hotel.
Statement - 3 : The drugstore is west of the market.
If the first two statements are true, the third statement is :
a) true.
b) false.
c) uncertain.
d) can not say

(14)

81 Write an Essay on **any one** of the following : (In about 300 words)

20 marks

- a) The Japan Earthquake of 11March, 2011.
- b) World Cup Cricket , 2011.
- c) Global Warming and Its Consequences.

