

Roll No:

Application No:

Name:

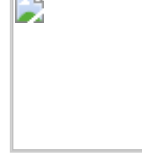
Exam Date: 08-Oct-2020

Exam Time: 09:00-12:00

Examination: 1. Course Code - B.A(Hons)1st Year / B.Sc.-  
M.Sc.Integrated

2. Field of Study - Ayurveda Biology (AYBU)

Registered Photo



Exam Day Photo

**SECTION 1 - SECTION 1****Question No.1 (Question Id - 29)**

'कर्तृ' शब्दस्य पुल्लिङ्गषष्ठीविभक्तेः एकवचनस्य रूपं वर्तते -

- (A)  कर्तृणाम्
- (B)  कर्तायाः
- (C)  कर्तुः (Correct Answer)
- (D)  कर्तः

**Question No.2 (Question Id - 45)***Find out the one word among the options which cannot be formed by using the letters of the word as given in the question.*

DOCTRINE :

- (A)  CRUST (Correct Answer)
- (B)  DOCTOR
- (C)  TIRED
- (D)  CREED

**Question No.3 (Question Id - 12)**

'माता च पिता च' इत्यस्य अधोलिखितं समासरूपद्वयं प्रदत्तम् - A. मातापितरौ

B. पितरौ

एतदनुसारेण समीचीनं विकल्पं चिनुत -

- (A)  केवलं A सम्यक् ।
- (B)  केवलं B सम्यक् ।
- (C)  उभे A, B च सम्यक् । (Correct Answer)
- (D)  उभे A, B च असम्यक् ।

**Question No.4 (Question Id - 57)***In each of the questions given below, there are four options. Find out the one that is correct in verification of the given statement.*

A mirror always :

- (A)  refracts
- (B)  distorts
- (C)  distracts
- (D)  reflects (Correct Answer)

**Question No.5 (Question Id - 66)****Statement I:**

An elephant cell has more DNA content than a mouse cell.

**Statement II:**

The DNA content per cell does not depend upon the size of an animal.

In the light of the above statements, choose the **most appropriate** answer from the options given below :

- (A)  Both **Statement I** and **Statement II** are correct.  
(B)  Both **Statement I** and **Statement II** are incorrect.  
(C)  **Statement I** is correct but **Statement II** is incorrect.  
(D)  **Statement I is incorrect but Statement II is correct. (Correct Answer)**

**Case Study - 6 to 10 (Question Id - 36)**

In the following questions, select the right option on the basis passage given.

प्रस्तुतगद्यांशाधारेण अधोलिखितप्रश्नानां समीचीनम् उत्तरं चिनोतु -

मनसि महती शक्तिः वर्तते। मनस्तु तादृक् विद्युदुत्पादकयन्त्रवत् शक्तिं जनयितुं समर्थः अस्ति, येन यथेष्टम् विद्युदुत्पादनम् कर्तुम् शक्यते। मनः यत् किमपि इच्छति तद् अवश्यमेव साकाररूपम् गृह्णाति। मनः यावत् शुद्धं स्यात् तावदेव तस्य इच्छा अपि बलवती इति मन्यते। पौराणिकोख्यानेषु एतद् श्रूयते यद् ऋषीणां मनसि सत्त्वगुणस्य प्रबलतया एतादृशी शक्तिः भवति स्म, येन तेषाम् इच्छामात्रेण वस्तुन उपस्थितिः स्वयमेव संजायते स्म। यद्यपि अद्यत्वे मनसः अशुद्धत्वात् न कोऽपि इदृक् चमत्कारं कर्तुं पारयति तथापि मनसि बीजरूपेण विद्यमानाम् अपरिमितशक्तिं न कोऽपि अस्वीकर्तुम् समर्थः। पिप्पलवृक्षस्य पत्रमिव मनसः चञ्चलता तु प्रसिद्धा एवा। तदेव उच्यते - “ मनः एव मनुष्याणां कारणं बन्धमोक्षयोः”। मनसः निग्रहः अभ्यासेन कर्तुं शक्यते इति उक्तं महर्षिणा वेदव्यासेन योगदर्शनकारेण च। कथम् अस्माभिः मनः कार्येषु नियोज्यमिति विचारणीयः प्रश्नः। तन्मनो यत्र-कुत्रापि गमिष्यति तत्रैव तस्य शक्तेर्व्ययो निश्चितरूपेण भविष्यति। अत एव अस्माभिः सर्वैरपि मनः सकारात्मकविषयेषु एव नियोक्तव्यः न तु नकारात्मकविषयेषु।

**Question No.6 (Question Id - 37)**

मनः इति शब्दस्य किं लिङ्गम् ?

- (A)  पुल्लिङ्गम्  
(B)  स्त्रीलिङ्गम्  
(C)  नपुंसकलिङ्गम् (Correct Answer)  
(D)  उभयलिङ्गम्

**Question No.7 (Question Id - 38)**

अस्मिन् गद्यांशे कति तिङन्तपदानि सन्ति ?

- (A)  15 (Correct Answer)  
(B)  12  
(C)  14  
(D)  16

**Question No.8 (Question Id - 39)**

मनसो निग्रहः अभ्यासेन कर्तुं शक्यते इति कथनं कस्य अस्ति ?

- (A)  वाल्मीकेः  
(B)  वेदव्यासस्य (Correct Answer)  
(C)  श्रीकृष्णस्य  
(D)  पुराणानाम्

**Question No.9 (Question Id - 40)**

कस्येच्छा अवश्यमेव साकाररूपं गृह्णाति ?

- (A)  मनुष्यस्य  
(B)  समाजस्य  
(C)  बुद्धेः  
(D)  मनसः (Correct Answer)

**Question No.10 (Question Id - 41)**

अस्माभिः मनः कुत्र नियोक्तव्यम् ?

- (A)  सकारात्मकविषयेषु (Correct Answer)
- (B)  नकारात्मकविषयेषु
- (C)  धार्मिकविषयेषु
- (D)  आत्मविषयेषु

**Question No.11 (Question Id - 27)**

'गो' शब्दस्य स्त्रीलिङ्गद्वितीयाबहुवचनस्य रूपं वर्तते -

- (A)  गान्
- (B)  गावः
- (C)  गाः (Correct Answer)
- (D)  गौः

**Question No.12 (Question Id - 21)**

'पचनीयम्' इत्यत्र प्रत्ययो वर्तते -

- (A)  अनीयत्
- (B)  अनियर
- (C)  अनीयर् (Correct Answer)
- (D)  नीयर्

**Question No.13 (Question Id - 80)**

The tissue that is responsible for buoyancy in aquatic plants is :

- (A)  chlorenchyma
- (B)  chollenchyma
- (C)  airenchyma (Correct Answer)
- (D)  sclerenchyma

**Question No.14 (Question Id - 33)**

अधोलिखितेषु शुद्धं वाक्यं चिनुत -

- (A)  गुरवे नमति ।
- (B)  गुरोः नमः ।
- (C)  गुरुं नमति । (Correct Answer)
- (D)  गुरुणां नमति ।

**Question No.15 (Question Id - 20)**

'जनता' इति पदं अधोलिखितेषु केन निष्पद्यते ?

- (A)  जन + तल् (Correct Answer)
- (B)  जन + डा
- (C)  जन् + क्त्वा
- (D)  जन् + क्त

**Question No.16 (Question Id - 85)**

Anther contains :

- (A)  sepals
- (B)  ovules
- (C)  carpels
- (D)  pollen grains (Correct Answer)

**Question No.17 (Question Id - 50)**

In the following question, select the right option which indicates the correct relationship

as given in the example.

Example – Mount Everest : Nepal

- (A)  Mexico : South America  
(B)  Argentina - North America  
(C)  Big Ben : Russia  
(D)  **Ahmedabad : Gujarat (Correct Answer)**

**Question No.18 (Question Id - 28)**

‘जगत्’ शब्दस्य ‘जगति’ शब्दरूपं वर्तते -

- (A)  प्रथमा, एकवचनम्  
(B)  **सप्तमी, एकवचनम् (Correct Answer)**  
(C)  प्रथमा, बहुवचनम्  
(D)  सप्तमी, द्विवचनम्

**Question No.19 (Question Id - 46)**

If 21<sup>st</sup> November falls five days before Wednesday, then what will be the day on 25<sup>th</sup> December ?

- (A)  Wednesday  
(B)  Sunday  
(C)  Friday  
(D)  **Thursday (Correct Answer)**

**Question No.20 (Question Id - 51)**

In the following question, select the number(s) from the given options for completing the given series.

1, 6, 12, 19, 27, ?

- (A)  38  
(B)  **36 (Correct Answer)**  
(C)  35  
(D)  34

**Question No.21 (Question Id - 72)**

Tridosh in Ayurveda is based on which of the following ?

- (A)  **Vata, Pitta, Kapha (Correct Answer)**  
(B)  Dhatu, Pitta, Kapha  
(C)  Sattva, Rajas, Tamas  
(D)  Cholesterol, Blood pressure, Sugar

**Question No.22 (Question Id - 86)**

A ray of light after refraction through a prism :

- (A)  bends away from its base  
(B)  **bends towards its base (Correct Answer)**  
(C)  moves parallel to its base  
(D)  gets reflected back to the source

**Question No.23 (Question Id - 10)**

‘पञ्चगङ्गम्’ इत्यत्र कः समासः ?

- (A)  द्विगुसमासः  
(B)  **अव्ययीभावसमासः (Correct Answer)**  
(C)  द्वन्द्वसमासः  
(D)  बहुव्रीहिसमासः

**Question No.24 (Question Id - 74)**

The synthesis of DNA mostly takes place during :

- (A)  **Interphase (Correct Answer)**  
(B)  Metaphase  
(C)  Anaphase  
(D)  Telophase

**Question No.25 (Question Id - 9)**

'हरिहरौ' इत्यत्र कः समासः ?

- (A)  **द्वन्द्वसमासः (Correct Answer)**  
(B)  अव्ययीभावसमासः  
(C)  कर्मधारयसमासः  
(D)  बहुव्रीहिसमासः

**Question No.26 (Question Id - 55)**

In each of the following question; three words are alike in some manner. Spot the odd one out.

- (A)  Cub  
(B)  **Chicken (Correct Answer)**  
(C)  Pig  
(D)  Lamb

**Question No.27 (Question Id - 23)**

'सेव्' धातोः निष्पन्ने 'सेवेताम्' पदे वर्तते -

- (A)  **लोट्लकारः, प्रथमपुरुषः, द्विवचनम् (Correct Answer)**  
(B)  लिट्लकारः, प्रथमपुरुषः, द्विवचनम्  
(C)  लङ्लकारः, प्रथमपुरुषः, द्विवचनम्  
(D)  विधिलिङ्लकारः, प्रथमपुरुषः, द्विवचनम्

**Question No.28 (Question Id - 58)**

In each of the questions given below, there are four options. Find out the one that is correct in verification of the given statement.

I am walking towards North. I will see the Sun :

- (A)  rising on my left  
(B)  setting on my right  
(C)  **rising on my right (Correct Answer)**  
(D)  in front of me

**Question No.29 (Question Id - 18)**

'दृष्ट्वा' इत्यत्र प्रत्ययो वर्तते -

- (A)  ट्वा  
(B)  क्त्वा  
(C)  **क्त्वा (Correct Answer)**  
(D)  क्तिन्

**Question No.30 (Question Id - 97)**

Which of the following are physical changes ?

- A. melting of iron metal  
B. rusting of iron

C. bending of iron rod

D. drawing a wire of iron metal

Choose the **correct** answer from the options given below :

(A)  A, B, C

(B)  A, B, D

(C)  **A, C, D (Correct Answer)**

(D)  B, C, D

**Question No.31 (Question Id - 60)**

*In the following question, select the best option as answer to the given statement.*

A figure is considered as circle when :

(A)  it is divided into four equal parts.

(B)  it has two right angles.

(C)  it has a large area.

(D)  **it has no angles. (Correct Answer)**

**Question No.32 (Question Id - 82)**

Match **List - I** with **List - II** :

List - I	List - II
A. Tuberculosis	I. Water borne disease
B. Cholera	II. Bite of culex mosquito
C. Japanese encephalitis	III. Air borne disease
D. Rabies	IV. Bites of infected animals

Choose the **correct** answer from the options given below :

(A)  A - I, B - III, C - IV, D - II

(B)  A - II, B - III, C - IV, D - I

(C)  A - IV, B - I, C - II, D - III

(D)  **A - III, B - I, C - II, D - IV (Correct Answer)**

**Question No.33 (Question Id - 76)**

Which part of the plant gives rise to haploid plants in tissue culture ?

(A)  Endosperm

(B)  Leaf tip

(C)  Root tips

(D)  **Pollen grains (Correct Answer)**

**Question No.34 (Question Id - 4)**

'तत् + लयः' इत्यस्य सन्धिं कुरु -

(A)  तचलयः

(B)  **तल्लयः (Correct Answer)**

(C)  तद्लयः

(D)  तत लयः

**Question No.35 (Question Id - 44)**

*Find out the one word among the options which cannot be formed by using the letters of the word as given in the question.*

JUDICIARY :

- (A)  **INJURY (Correct Answer)**  
 (B)  CADDY  
 (C)  DICY  
 (D)  ACRID

**Question No.36 (Question Id - 99)**

Which of the following correctly represents 360 g of water ?

- A. 2 mol g H<sub>2</sub>O  
 B. 20 mol g H<sub>2</sub>O  
 C. 6.022 x 10<sup>23</sup> molecules of H<sub>2</sub>O  
 D. 1.2044 x 10<sup>25</sup> molecules of H<sub>2</sub>O

Choose the **correct** answer from the options given below :

- (A)  A only  
 (B)  A and D only  
 (C)  B and C only  
 (D)  **B and D only (Correct Answer)**

**Question No.37 (Question Id - 70)**

The science of surgery in ancient India was developed by :

- (A)  Panini  
 (B)  **Susruta (Correct Answer)**  
 (C)  Aryabhatta  
 (D)  Patanjali

**Question No.38 (Question Id - 78)**

Organelle without cell membrane is :

- (A)  **Ribosome (Correct Answer)**  
 (B)  Golgi Apparatus  
 (C)  Chloroplast  
 (D)  Nucleus

**Question No.39 (Question Id - 16)**

'हार्यम्' इति पदं अधोलिखितेषु केन निष्पद्यते ?

- (A)  **हृ + ण्यत् (Correct Answer)**  
 (B)  हृ + यत्  
 (C)  हृ + तव्यत्  
 (D)  हृ + ण्वुल्

**Question No.40 (Question Id - 26)**

निम्नलिखिते तालिकाद्वये युग्मानां समीचीनमेलनाधारेण अधोलिखितेषु सम्यग् उत्तरं चिनुत -

तालिका - 1	तालिका - 2
A. धेहि	I. लटलकारः
B. पठेयम्	II. लृटलकारः
C. वक्ष्यति	III. विधिलिङ्लकारः
D. वक्ति	IV. लोटलकारः

- (A)  **A - IV, B - III, C - II, D - I (Correct Answer)**  
 (B)  A - I, B - III, C - II, D - IV

(C)  A - IV, B - I, C - III, D - II

(D)  A - I, B - II, C - III, D - IV

**Question No.41 (Question Id - 11)**

‘शताब्दी’ इत्यस्य समस्तपदस्य विग्रहं कुरु -

(A)  शतानाम् अब्दानां समाहारः

(B)  शतस्य अब्दानां समाहारः (Correct Answer)

(C)  शतात् अब्दानां समाहारः

(D)  शतम् अब्दानां समाहारः

**Question No.42 (Question Id - 101)**

The chemical responsible for the destruction of ozone is :

(A)  Methane

(B)  Chlorofluorocarbons (Correct Answer)

(C)  Hydrofluorocarbons

(D)  Compressed natural gas

**Question No.43 (Question Id - 1)**

‘गवाग्रम्’ इत्यस्य सन्धिविच्छेदं कुरु -

(A)  गवा + अग्रम्

(B)  गो + अग्रम् (Correct Answer)

(C)  गोः + अग्रम्

(D)  गौ + अग्रम्

**Question No.44 (Question Id - 56)**

In each of the following question; three words are alike in some manner. Spot the odd one out.

(A)  Cone (Correct Answer)

(B)  Circle

(C)  Triangle

(D)  Square

**Question No.45 (Question Id - 32)**

‘बालकाः शरते’ इति वाक्यस्य भाववाच्ये परिवर्तितं रूपं वर्तते -

(A)  बालकैः शेते ।

(B)  बालकैः शय्यते । (Correct Answer)

(C)  बालकाः शय्यते ।

(D)  बालकाः शय्यन्ते ।

**Question No.46 (Question Id - 100)**

Isotopes of an element have :

(A)  the same physical properties

(B)  different chemical properties

(C)  different numbers of neutrons (Correct Answer)

(D)  different atomic number

**Question No.47 (Question Id - 79)**

Fats are stored in human body as cuboidal epithelium :

(A)  Cuboidal epithelium

(B)  Adipose tissue (Correct Answer)

(C)  Bones

(D)  Cartilage



**Question No.48 (Question Id - 8)**

'प्राचार्यः' इत्यस्य समस्तपदस्य विग्रहं कुरु -

- (A)  प्रकृष्ट आचार्यः  
(B)  प्रगत आचार्यः (Correct Answer)  
(C)  प्रभावी आचार्यः  
(D)  प्रवीण आचार्यः

**Question No.49 (Question Id - 64)**

Which of the following brings pure blood to the heart ?

- (A)  Pulmonary artery  
(B)  Pulmonary vein (Correct Answer)  
(C)  Coronary artery  
(D)  Coronary vein

**Question No.50 (Question Id - 94)**

Which of the following are not ionic compounds ?

- A. KCl  
B. HCl  
C. CCl<sub>4</sub>  
D. NaCl

Choose the **correct** answer from the options given below :

- (A)  A and B  
(B)  B and C (Correct Answer)  
(C)  C and D  
(D)  A and D

**Question No.51 (Question Id - 35)**

अधोलिखितेषु शुद्धं वाक्यं वर्तते -

- (A)  मह्यं पुष्पं रोचति ।  
(B)  अहं पुष्पं रोचते ।  
(C)  मया पुष्पं रोचते ।  
(D)  मह्यं पुष्पं रोचते । (Correct Answer)

**Question No.52 (Question Id - 84)**

A basket of vegetables contains carrot, potato, radish and tomato. Which of the item represents the correct homologous structures ?

- (A)  Carrot and potato  
(B)  Carrot and tomato  
(C)  Radish and carrot (Correct Answer)  
(D)  Radish and potato

**Question No.53 (Question Id - 34)**

अधोलिखितेषु शुद्धं वाक्यं चिनुत -

- (A)  सर्पाद् विभेति । (Correct Answer)  
(B)  सर्पेण विभेति ।  
(C)  सर्पं विभेति ।  
(D)  सर्पस्य विभेति ।

**Question No.54 (Question Id - 61)**

In the following question, select the best option as answer to the given statement.

In summer, people wear light coloured clothes because :

- (A)  they want to look smart.  
(B)  **light colours reflect excess heat. (Correct Answer)**  
(C)  dark coloured clothes are not available.  
(D)  the sun rays cannot tan the skin.

**Question No.55 (Question Id - 5)**

‘तस्मिन् + इति’ इत्यस्य सन्धिं कुरु -

- (A)  **तस्मिन्निति (Correct Answer)**  
(B)  तस्मीनिति  
(C)  तस्मिनिति  
(D)  तस्मिनीति

**Question No.56 (Question Id - 17)**

‘विचिन्त्य’ इत्यत्र प्रत्ययो वर्तते -

- (A)  ष्यत्  
(B)  यत्  
(C)  **ल्यप् (Correct Answer)**  
(D)  क्यप्

**Question No.57 (Question Id - 68)**

Nuclear membrane is absent in :

- (A)  Neurons  
(B)  *Penicillin sp.*  
(C)  ***Escherichia coli* (Correct Answer)**  
(D)  Plant guard cells

**Question No.58 (Question Id - 49)**

In the following question, select the right option which indicates the correct relationship as given in the example.

Example – Injury : Pain

- (A)  Grades : Merit  
(B)  **Thunder : Lightning (Correct Answer)**  
(C)  Rotate : Churning  
(D)  Matter : Labour

**Question No.59 (Question Id - 7)**

निम्नलिखिते तालिकाद्वये युग्मानां समीचीनमेलनाधारेण अधोलिखितेषु सम्यग् उत्तरं चिनुत -

तालिका - 1	तालिका - 2
A. हरे + इह	I. हरिरिह
B. हरिः + इह	II. हर इह
C. हरी + इह	III. हरी इह
D. हरौ + इह	IV. हराविह

- (A)  A - IV, B - I, C - II, D - III  
(B)  **A - II, B - I, C - III, D - IV (Correct Answer)**  
(C)  A - IV, B - I, C - III, D - II  
(D)  A - I, B - II, C - III, D - IV

**Question No.60 (Question Id - 83)**

A few drops of iodine solution were added to rice water, the solution turned blue-black in colour. This indicates that rice water contains :

- (A)  Complex proteins  
(B)  **Starch (Correct Answer)**  
(C)  Fats  
(D)  DNA

**Question No.61 (Question Id - 67)**

Which of the following is a plant hormone ?

- (A)  **Cytokinin (Correct Answer)**  
(B)  Estrogen  
(C)  Insulin  
(D)  Renin

**Question No.62 (Question Id - 43)**

In the following questions, select the right option which indicates the correct code for the word and letter given in the question.

If MUSK is coded as 146816; then ZERO will be coded as :

- (A)  113811  
(B)  **122912 (Correct Answer)**  
(C)  15915  
(D)  2651815

**Question No.63 (Question Id - 65)**

Match List I with List II.

List - I	List - II
A. Bacteria	I. Malaria
B. Virus	II. Dandruff
C. Protozoa	III. Pneumonia
D. Fungus	IV. Measles

Choose the **correct** answer from the options given below :

- (A)  A - III, B - I, C - II, D - IV  
(B)  **A - III, B - IV, C - I, D - II (Correct Answer)**  
(C)  A - I, B - II, C - IV, D - III  
(D)  A - IV, B - I, C - II, D - III

**Question No.64 (Question Id - 25)**

'लभस्व' इति धातुरूपं वर्तते -

- (A)  लट्लकारस्य  
(B)  **लोट्लकारस्य (Correct Answer)**  
(C)  विधिलिङ्लकारस्य  
(D)  लङ्लकारस्य

**Question No.65 (Question Id - 14)**

'युधिष्ठिरः' इत्यत्र कः समासः ?

- (A)  **तत्पुरुषसमासः (Correct Answer)**  
(B)  अव्ययीभावसमासः  
(C)  द्वन्द्वसमासः

(D)  बहुव्रीहिसमासः

**Question No.66 (Question Id - 90)**

If a displacement of an object is proportional to the square of time, then the object moves with \_\_\_\_\_.

- (A)  uniform velocity  
(B)  **uniform acceleration (Correct Answer)**  
(C)  increasing acceleration  
(D)  decreasing acceleration

**Question No.67 (Question Id - 53)**

In the following question, select the number(s) from the given options for completing the given series.

27, 28, 25, 25, 23, 22, 21, ?

- (A)  20  
(B)  21  
(C)  **19 (Correct Answer)**  
(D)  18

**Question No.68 (Question Id - 89)**

The unit of power is :

- (A)  Watt per second  
(B)  Joule  
(C)  Kilo joule  
(D)  **Watt (Correct Answer)**

**Question No.69 (Question Id - 95)**

A molecule of ammonia (NH<sub>3</sub>) has :

- (A)  **only single bonds (Correct Answer)**  
(B)  only double bonds  
(C)  only triple bonds  
(D)  2 double bonds and 1 single bonds

**Question No.70 (Question Id - 59)**

In each of the questions given below, there are four options. Find out the one that is correct in verification of the given statement.

What is always associated with a tree ?

- (A)  **Roots (Correct Answer)**  
(B)  Branches  
(C)  Flowers  
(D)  Leaves

**Question No.71 (Question Id - 96)**

The chemical formula of baking soda is :

- (A)  NaCl  
(B)  CaCl<sub>2</sub>  
(C)  NaOH  
(D)  **NaHCO<sub>3</sub> (Correct Answer)**

**Question No.72 (Question Id - 93)**

Before playing the orchestra in a musical concert, a sitarist tries to adjust the tension and pluck the string suitably. By doing so, he is adjusting \_\_\_\_\_.

- (A)  intensity of the sound only  
(B)  amplitude of the sound only

(C) **frequency of the sitar string with the frequency of other musical instruments**

**(Correct Answer)**

(D)  loudness of the sound

**Question No.73 (Question Id - 48)**

*In the following question, select the right option which indicates the correct relationship as given in the example.*

Example – Shoot is to Gun as Eat is to.....

(A)  Hunger

(B)  Thirst

(C)  Dinner

(D)  **Fruit (Correct Answer)**

**Question No.74 (Question Id - 75)**

Match **List - I** with **List - II** :

<b>List - I</b>	<b>List - II</b>
A. Neutrophils	I. Produces antibiotics
B. Erythrocytes	II. Engulfs bacteria
C. Lymphocytes	III. Releases chemicals
D. Thrombocytes	IV. Carries oxygen

Choose the **correct** answer from the options given below :

(A)  A - I, B - II, C - III, D - IV

(B)  A - III, B - I, C - II, D - IV

(C)  **A - II, B - IV, C - I, D - III (Correct Answer)**

(D)  A - IV, B - I, C - III, D - II

**Question No.75 (Question Id - 73)**

Which of the following ancient Sanskrit text has principles of Ayurveda and practices ?

(A)  Samaveda

(B)  **Atharvaveda (Correct Answer)**

(C)  Yajurveda

(D)  **Rigveda (Correct Answer)**

**Question No.76 (Question Id - 54)**

*In each of the following question; three words are alike in some manner. Spot the odd one out.*

(A)  Nose

(B)  Eye

(C)  Tongue

(D)  **Teeth (Correct Answer)**

**Question No.77 (Question Id - 31)**

‘त्वं पुस्तकं पठसि’ इति वाक्यस्य कर्मवाच्ये परिवर्तितं रूपं वर्तते -

(A)  त्वया पुस्तकानि पठ्यन्ते ।

(B)  त्वया पुस्तकं पठ्यन्ते ।

(C)  त्वया पुस्तकं पठ्यसे ।

(D)  त्वया पुस्तकं पठ्यते । (Correct Answer)

**Question No.78 (Question Id - 22)**

अधोलिखितेषु कतमः शब्दः शतृप्रत्ययान्तः न वर्तते -

(A)  गच्छन्ती

(B)  पठन्

(C)  गच्छत्

(D)  पठनम् (Correct Answer)

**Question No.79 (Question Id - 62)**

Given below are two statements :

**Statement I:**

In a monohybrid Mendelian Cross, the phenotypic ratio in F2 generation will be 3 : 1.

**Statement II:**

In a monohybrid Mendelian Cross, the genotypic ratio in F2 generation will be 1 : 1.

In the light of the above statements, choose the **most appropriate** answer from the options given below :

(A)  Both **Statement I** and **Statement II** are correct.

(B)  Both **Statement I** and **Statement II** are incorrect.

(C)  **Statement I is correct but Statement II is incorrect. (Correct Answer)**

(D)  **Statement I** is incorrect but **Statement II** is correct.

**Question No.80 (Question Id - 30)**

'मातृ' शब्दस्य सम्बोधने एकवचनस्य रूपं वर्तते -

(A)  मातः (Correct Answer)

(B)  मात

(C)  माते

(D)  मातरि

**Question No.81 (Question Id - 3)**

'मती + इह' इत्यस्य सन्धिं कुरु -

(A)  मती इह (Correct Answer)

(B)  मतीह

(C)  मतेह

(D)  मति इह

**Question No.82 (Question Id - 2)**

'गङ्गा + ओघः' इत्यस्य सन्धिं कुरु -

(A)  गङ्गोघः

(B)  गङ्गेघः

(C)  गाङ्गौघः

(D)  गङ्गौघः (Correct Answer)

**Question No.83 (Question Id - 47)**

If in a clock the number from 1-12 are replaced with alphabets starting from F; then which of the following options shall indicate time as 9 o' clock ?

(A)  M-P

(B)  Q-N

(C)  P-N

(D)  **N-Q (Correct Answer)**

**Question No.84 (Question Id - 92)**

In the SONAR technology, we use :

(A)  radiowaves

(B)  infrasonic waves

(C)  **ultrasonic waves (Correct Answer)**

(D)  audible sound waves

**Question No.85 (Question Id - 71)**

Which of the following organelle is present only in plants ?

(A)  nucleus

(B)  mitochondria

(C)  liposomes

(D)  **cell wall (Correct Answer)**

**Question No.86 (Question Id - 98)**

On converting 25°C, 38°C and 66°C to Kelvin scale, the correct sequence of temperature will be :

(A)  **298 K, 311 K, 339 K (Correct Answer)**

(B)  298 K, 300 K, 338 K

(C)  273 K, 278 K, 543 K

(D)  295 K, 310 K, 338 K

**Question No.87 (Question Id - 81)**

Which among the following have open circulatory system ?

A. Arthropoda

B. Mollusca

C. Annelida

D. Coelenterata

Choose the **correct** answer from the options given below :

(A)  **A and B Only (Correct Answer)**

(B)  C and D Only

(C)  A and C Only

(D)  B and D Only

**Question No.88 (Question Id - 91)**

The atmosphere is held on the earth by :

(A)  **gravity (Correct Answer)**

(B)  wind

(C)  clouds

(D)  earth's magnetic field

**Question No.89 (Question Id - 13)**

‘नीलोत्पलम्’ इत्यत्र कः समासः ?

(A)  **कर्मधारयसमासः (Correct Answer)**

(B)  अव्ययीभावसमासः

(C)  द्वन्द्वसमासः

(D)  बहुव्रीहिसमासः

**Question No.90 (Question Id - 15)**

‘पच् + क्त’ इत्यनेन निष्पन्नं पदं वर्तते -

(A)  **पक्वः (Correct Answer)**

- (B)  पक्तः  
(C)  पचितः  
(D)  पाचितः

**Question No.91 (Question Id - 88)**

Who discovered thermionic emission for the first time ?

- (A)  **Thomas Alva Edison (Correct Answer)**  
(B)  J.J. Thomson  
(C)  John Fleming  
(D)  Michael Faraday

**Question No.92 (Question Id - 69)**

Most of the active components in Ayurvedic formulations are :

- (A)  Plant primary metabolites  
(B)  **Plant secondary metabolites (Correct Answer)**  
(C)  Plant lipids  
(D)  Plant enzymes

**Question No.93 (Question Id - 52)**

In the following question, select the number(s) from the given options for completing the given series.

80, 64, 48, 32, 16, ?

- (A)  4  
(B)  **0 (Correct Answer)**  
(C)  8  
(D)  1

**Question No.94 (Question Id - 42)**

In the following questions, select the right option which indicates the correct code for the word and letter given in the question.

If CHAIR is coded as FKDLU; then RAID will be coded as :

- (A)  ULGD  
(B)  ULKG  
(C)  ULDG  
(D)  **UDLG (Correct Answer)**

**Question No.95 (Question Id - 19)**

निम्नलिखिते तालिकाद्वये युग्मानां समीचीनमेलनाधारेण अधोलिखितेषु सम्यग् उत्तरं चिनुत -

तालिका - 1	तालिका - 2
A. सेवमानः	I. क्तवतु
B. गुणवान्	II. मतुप्
C. पठितवान्	III. शानच्
D. भिन्नः	IV. क्त

- (A)  **A - III, B - II, C - I, D - IV (Correct Answer)**  
(B)  A - I, B - III, C - II, D - IV  
(C)  A - IV, B - I, C - III, D - II  
(D)  A - I, B - II, C - III, D - IV

**Question No.96 (Question Id - 77)**



The Scientist who proposed the theory of natural selection was :

- (A)  Gregor Mendel  
(B)  Robert Hooke  
(C)  M.S. Swaminathan  
(D)  **Charles Darwin (Correct Answer)**

**Question No.97 (Question Id - 6)**

निम्नलिखिते तालिकाद्वये युग्मानां समीचीनमेलनाधारेण अधोलिखितेषु सम्यग् उत्तरं चिनुत -

तालिका - 1	तालिका - 2
A. अग्नेऽत्र	I. गुणसन्धिः
B. देवर्षिः	II. अयादिसन्धिः
C. नायकः	III. यणसन्धिः
D. यद्यपि	IV. पूर्वरूपसन्धिः

- (A)  **A - IV, B - I, C - II, D - III (Correct Answer)**  
(B)  A - I, B - III, C - II, D - IV  
(C)  A - IV, B - I, C - III, D - II  
(D)  A - I, B - II, C - III, D - IV

**Question No.98 (Question Id - 24)**

'नम्' धातोः लृटलकारस्य प्रथमपुरुषस्य एकवचनस्य रूपं वर्तते -

- (A)  नमस्यति  
(B)  नमिस्यति  
(C)  **नंस्यति (Correct Answer)**  
(D)  नक्ष्यति

**Question No.99 (Question Id - 87)**

The instrument which is used to measure the magnitude of current flowing through a circuit is called :

- (A)  voltmeter  
(B)  galvanometer  
(C)  **ammeter (Correct Answer)**  
(D)  barometer

**Question No.100 (Question Id - 63)**

The process of photosynthesis involves the reaction,  
 $\text{CO}_2 + \text{H}_2\text{O} \rightarrow \text{Glucose} + \underline{\hspace{2cm}} + \text{Water}$

The missing component of this reaction is :

- (A)  CO  
(B)  H<sub>2</sub>  
(C)  HCHO  
(D)  **O<sub>2</sub> (Correct Answer)**