UJIAN SAINS/TINGKATAN 3

SCIENCE TEST/ FORM 3

BAHAGIAN A/SECTION A

Soalan Objektif/Objective question

Jawab semua soalan.Tulis jawapan anda dalam kotak jawapan

Answer all questions.Write your answer in the answer box

Soalan 1/*Question 1*

Antara berikut tindakan yang manakah dikawal oleh medula oblongata?

Which of the following actions are controlled by medulla oblongata?

I. Berenang/*Swimming*

II. Denyutan jantung/*heartbeat*

III.Rembesan air liur/*secretion of saliva*

IV. Menyapu lantai/*sweeping the floor*

A. I & II C.II & III

B. III & IV D. I & IV

Jawapan:

Soalan 2/*Question 2*

Antara berikut yang manakah menukarkan getaran bunyi kepada impuls saraf dalam telinga?

Which of the following converts the vibrations of sound into the nerve impulses in the ear?

A. Saraf auditory/*Auditory nerve*

B. Koklea/*Cochlea*

C. Jendela bujur/*Oval window*

D. Osikel/*Ossicles*

Jawapan:

LIVEWORKSHEETS

Soalan 3/*Question 3*

Struktur yang manakah mengubah isi padu rongga toraks?

Which structure changes the volume of thoracic cavity?

A. Rongga hidung/Nasal cavity

B. Bronkus/Bronchus

C. Diafragma/Diaphragm

D. Trakea/Trachea

Jawapan:

Soalan 4/*Question 4*

Antara berikut, pencemar yang manakah akan mengurangkan kadar fotosintesis?

Which of the following pollutants will reduce the rate of photosynthesis?

A. Karbon monoksida/*carbon monoxide*

B. Karbon dioksida/*carbon dioxide*

C. Hujan asid/*Acid rain*

D. Debu/*Dust*

Jawapan:

Soalan 5/*Question 5*

Apakah faktor yang tidak mempengaruhi kadar denyutan nadi?

Which factor does not affect the pulse rate?

A. Kesihatan badan/Body health

B. Jantina/Gender

C. Bangsa/Race

D. Umur/Age

Jawapan:

Soalan 6/*Question 6*

Apabila X berkurangan, kadar transpirasi bertambah. Apakah X?

When X decreases, the rate transpiration increases. What is X?

A. Keamatan cahaya/*Light intensity*

B. Kelembapan udara/*Air humidity*

C. Wind/*Air movement*

D. Suhu/*Temperature*

Jawapan:

LIVEWORKSHEETS

Soalan 7/*Question 7*

Nyatakan mineral dalam galena

State the minerals in galena

A. Ferum & Oksigen/ *Iron & Oxygen*

B. Kuprum & Sulphur/*Copper & Sulphur*

C. Aluminium & Oxygen

D. Plumbum & Sulphur

Lead & Sulfur

Jawapan:

Soalan 8/*Question 8*

Antara berikut, logam yang manakah kurang reaktif daripada karbon?

Which of the following metals is less reactive than carbon?

A. Kalsium/*Calcium*

B. Zink/*Zinc*

C. Aluminium

D. Magnesium

Jawapan:

Soalan 9/*Question 9*

Bahan kimia yang manakah digunakan dalam suatu pek sejuk?

Which chemical is used in a cold pack?

A. Kalsium oksida/*Calcium oxide*

B. Kalsium klorida/*Calcium chloride*

C. Ferum oksida/ *Iron oxide*

D. Ammonium klorida

Ammonium chloride

Jawapan:

Soalan 10/*Question 10*

Antara bahan berikut, yang manakah merupakan logam?

Which of the following materials is metal?

A. Berlian/*Diamond*

B. Aluminium

C. Karbon/*Carbon*

D. Silikon/*Silicon*

Jawapan:

LIVEWORKSHEETS

Soalan 11/*Question 11*

Antara berikut yang manakah sumber tenaga boleh baharu?

Which of the following is a renewable energy source?

A. Arang batu/*Coal*

B. Biojisim/*Biomass*

C. Gas asli/ *Natural gas*

D. Petroleum

Jawapan:

Soalan 12/*Question 12*

Bilangan lilitan bagi gegelung primer adalah 800 dan gegelung sekunder adalah 100.Jika voltan output ialah 16V, hitung voltan input.

The number of turns on the primary coil is 800 while secondary coil is 100. if the output voltage is 16V, calculate the input voltage

A. 2V C. 64V

B. 32V D. 128V

Jawapan:

Soalan 13/*Question 13*

Kiru menolak troli sejauh 20m dengan daya 40N. Hitung kerja yang dilakukan dalam J

Kiru pushed a trolley for a distance of 20m by using a force of 40N. Calculate the work done in J

A. 0.5J C. 80J

B. 8J D. 800J

Jawapan:

Soalan 14/*Question 14*

Awwal yang berjisim 55kg sedang mengayuh basikal dengan halaju 8m/s.Jisim basikal ialah 16kg. Kira tenaga kinetik

Awwal of mass 55kg is cycling with a speed of 8m/s. The mass of the bicycle is 16kg. Calculate the kinetic energy

A. 1760J C. 2272J

B. 3520J D. 4544J

Jawapan:

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Soalan 15/*Question 15*

Antara berikut yang manakah bukan zarah subatom?

Which of the following is not the subatomic particles?

A. Alfa/*Alpha*

B. Proton

C. Neutron

D. Elektron/*Electron*

Jawapan:

Soalan 16/*Question 16*

Sampel P dengan separuh hayat 8jam mengandungi 1200nukleus.Hitung masa yang diambil dalam jam bagi bilangan nukleus berkurang sehingga 75

Sample P with half life 8hour contains 1200nuclei.Calculate the time taken in hours for the number or nuclei to decrease to 75

A. 16J/H

B. 24J/H

C. 32J/H

D. 40J/H

Jawapan:

Soalan 17/*Question 17*

Nyatakan permukaan Matahari yang kelihatan dari Bumi

State the surface of the Sun that is visible from the Earth

A. Korona/*Corona*

B. Fotosfera/*Photosphere*

C. Kromosfera/*Chromosphere*

D. Zon radiasi/*Radiation zon*

Jawapan:

Soalan 18/*Question 18*

X berlaku apabila sinar kosmik berlanggar dengan atom-atom dan molekul-molekul dalam atmosfera Bumi.Apakah X?

X occur when the cosmic rays collide with the atoms and molecules in the Earth's atmosphere. What is X

A. Tompok matahari/*Sunspot*

B. Semarak suria/*Prominence*

C. Aurora D.Granul

Jawapan:

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Soalan 19/*Question 19*

Antara berikut yang manakah digunakan untuk melancarkan satelit buatan manusia?

Which of the following are used to launch man-made satellite?

I. Roket/*Rocket*

II. Prob angkasa/*Space prob*

III. Stesen angkasa lepas/*Space station*

IV. Kapal angkasa ulang alik/*Space shuttle*

A. I & II C. II & III

B. III & IV D. I & IV

Jawapan:

Soalan 20/*Question 20*

Yang manakah bukan fungsi kapal angkasa ulang alik?

Which of the following is not a function of space shuttle?

A. Melancarkan satelit/*launch satellite*

B. Membawa angkasawan/ *carry astronauts*

C. *Untuk penderiaan jauh/for remote sensing*

D. Membawa peralatan sains ke angkasa/ *carry science equipment into space*

Jawapan:

LIVEWORKSHEETS