
- 01| α ذكرو ما يتكون منه البقعة في أبحاث الانشطار النووي؟ [In nuclear fussion research what is formed ?]
 (A) α اشعاع (alpha Ray) (B) بلازما (Plasma)
 (C) كليهما (Both) (D) لا شيء (none)
- 02| أي مما يلي غير صحيح؟ [Which is not untrue?]
 (A) معادلة سرعة الزاوية هي $[LT^{-1}]$ [Dimensional equation of angular velocity is $[LT^{-1}]$]
 (B) سرعة الزاوية متجهة (Angular velocity is a vector)
 (C) وحدة سرعة الزاوية هي راديان/ثانية (Unit of angular velocity is gradiun/sec)
 (D) اتجاه سرعة الزاوية يتحدد بقاعدة اليد اليسرى (Firection of angular velocity is determined by the left hand screw rule)
- 03| من هو أب علم النبات؟ [Who is the father of Botany]
 (A) ابن سينا (IBN SINA)
 (B) ثيوفراستس (Theofrastas)
 (C) ميشال أدانسون (Michal Adanson)
 (D) أوتو برنفلس (Auto Brunfels)
- 04| فوجي أجرى تجربته الفوتوغرافية الشهيرة قبل 6 سنوات.
 (A) قريب (near) (B) يقترب (nearing)
 (C) في وقت يقترب (in nearing) (D) قريباً (nearly)
- 05| أي مما يلي غير صحيح للفيروس؟ [Which one is not correct for virus ?]
 (A) في 1937 أثبت بيرى وبودن أن بلورة الفيروس تتكون من بروتين وحمض نوويي (In 1937 Piri and Boden proved that virus crystal is made of Protein and nucleic acid)
 (B) في 1935 أثبت إيفانوفسكي أن الفيروس مسؤول عن مرض التبغ الموزايق (In 1935 American scientist Stanly succeeded to make the crystal of tobacco mosaic virus from diseased tobacco leaf)
 (C) الفيروس هو كلمة لاتينية تعني السم (Virus is a Latin word which means poison)
 (D) في 1994 أثبت إيفانوفسكي أن الفيروس مسؤول عن مرض التبغ الموزايق (In 1994 Russian scientist Ivano Voski proved that virus is responsible for mosaic disease of tobacco leaf)
- 06| -273K حجم الغاز النظري AvqZb ZÉxqfvte KZ?
 [What is theoretical volume of a gas at -273K?]
 (A) 22.4 L (B) 0 L
 (C) 2.04 L (D) لا شيء (None)
- 07| أي مما يلي غير صحيح؟ [Which is not false?]
 (A) ميل الخط العادي في الرسم البياني للمسافة مقابل الزمن يدل على السرعة (The slope of distance vs. time graph indicates speed)
 (B) ميل الخط العادي في الرسم البياني للسرعة مقابل الزمن يدل على السرعة (The slope of velocity vs. time graph indicates speed)
 (C) ميل الخط العادي في الرسم البياني للسرعة مقابل الزمن يدل على التسارع (The slope of acceleration vs. time graph indicates speed)
 (D) جميعها خاطئة (All are false)
- 08| أي مما يلي غير صحيح؟ [Which of the following information is not correct ?]
 (A) البكتيريا لها جدران خلوية (Bacteria has cell walls)
 (B) البكتيريا تتكاثر عادةً بالانشطار الثنائي (Bacteria usually reproduces by binary fission)
 (C) وجود E.Coli في الطعام والماء يدل على الإصابة بالعدوى (The presence of E.Coli in foods and water indicates infection in anal canal)
 (D) Pseudomonas هي البكتيريا التي تُنتج فيتامين B12 (Vitamin B12 is prepared from Pseudomonas bacteria)
- 09| كان من الضروري أن يكون ناجحاً في جعل الصداقة مع شخص كهذا.
 (A) الكثير من الرومانسية (enough romantic)
 (B) رومانسية بما فيه الكفاية (enoughly romantic)
 (C) رومانسية بما فيه الكفاية (romantic enoughly)
 (D) رومانسية بما فيه الكفاية (romantic enough)
- 10| بحلول 2010، سأعمل لهذا المشروع لمدة 15 سنة.
 (A) سيتم العمل (will be worked) (B) سيعمل (will work)
 (C) قد عملت (have worked) (D) سيعمل (will have worked)
- 11| أي مما يلي غير صحيح للإنزيم؟ [Which is not correct for enzyme ?]
 (A) يساعد على تسريع التفاعل الكيميائي قليلاً تحت درجة حرارة منخفضة (It helps the reaction to be faster under a little temperature)
 (B) الإنزيم يشبه الكولويد (enzyme is coloid like)
 (C) كفاءته تتحكم بها درجة الحموضة (Its working ability is controlled by pH)
 (D) كفاءته غير محددة (effectiveness is not specific)
- 12| أي مما يلي غير صحيح؟ [Which is not correct?]
 (A) الشغل الذي تقوم به القوى المحافظة يمكن استرجاعه بالكامل (Work done by conservative force can be completely retrieved)
 (B) الشغل الذي تقوم به القوى المحافظة يعتمد على النقطة الابتدائية والنقطة النهائية للمسار (Work done by conservative force depends on the initial and final point of path)
 (C) الشغل الذي تقوم به القوى المحافظة هو محفوظ (Law of conservation of energy is maintained in non-conservative force)
 (D) لا شيء (None)
- 13| أي مما يلي صحيح؟ [Which one is correct ?]
 (A) $h = \frac{\lambda}{\mu}$ (B) $\lambda = h\mu$
 (C) $m = \frac{h}{\lambda u}$ (D) $u = \frac{\lambda}{hm}$
- 14| ما هو الشيء الأكثر ضرورة للبيولوجيا التكاثرية؟ [What is the most necessary thing for the physiology of flowering?]
 (A) الضوء (Light) (B) الظلام (Dark)
 (C) الحرارة (Heat) (D) الرياح (Wind)

- 29| GKwU cvZjv c0'Q` AbexTY hSi 0viv chfeQb Kti bxtPi `ewkó` ,tjv t`Lv hvq [After the desection in compound microscope, get these characteristics-]
 1| tKvb nvBt'cvWwvqñ fbB- There is no hypodermis
 2| cwiPµ GKmwii tKvI w`tq MwVZ - Pericycle is created by one lair of cell
 3| tgUvRvBt'jg tKt`i w`tK, t'0UvRvBt'jg cwiwai w`tK - Metaxylem is situated to the center and protoxylem is to the circumference
 4| RvBt'jg ev t'wqg ,t'Qi msL`v 2,4-The number of xylem and phloem are 2-4
 wK wnmvte kbv³ Kiv hvq ? [These are the characteristics of -]
 (A) w0exRcI`x KvU (Dicot stem)
 (B) w0exRcI`x gj (Dicot root)
 (C) GKexRcI`x gj (Monocot root)
 (D) GKexRcI`x KvU (Monocot stem)
- 30| AvqwbK thSM tKvb ag`cKvK Kti? [Which propertie do Ionic compounds show?]
 (A) mgvbvZv (Isomarism)
 (B) mgi`cZv (Isomorfijom)
 (C) eui`cZv (Different state)
 (D) Avt'j vK mµµqZv (Optically activated)
- 31| He ran a race [make it passive]
 (A) A race is run by him
 (B) A race was run by him
 (C) A race was ran by him
 (D) A race has been run by him
- 32| tKvbwU mZ` bq ? [Which one is not true?]
 (A) gvBt'Uvmm c`xZi B'Uvi tDR `kvi c0i t`ctµvgtmvtg tµvgwUW `v`K (The cromatid is known as Monav, in the initial state of Mitosis's interphase)
 (B) wogetkYxi D'w`c` c'jvZb tKv`ivcvt`÷i w'fvRt'bi gva`tg bZb tKv`ivcvt`÷ DrcwE ntj I D`P t'kYxi D'w`c` Gt`i DrcwE nq Avw` cww`W t`tK (In lower plants chloroplast forms from the old chloroplast's division and in upper plants, it forms from another type of chloroplast)
 (C) c'pU c'tUi c0Z`K mmm`tK tUcvj etj (Perianth is known as tepal)
 (D) ATP nj D`P kw³ai Phosphate thSM Ges GKwU `ZSj tKv GbRvBg hvi mvt`_ d'v'fv'c0U'tbi m`uK`tbB (ATP is a kind of co-enzyme)
- 33| tKvbwU mwVK bq ? [Which is not correct?]
 (A) M0'skvj mrv`v Rvgv e`envi Avivgc0 (White clothes are comfortable in summer)
 (B) ivbwi Rb` bZb Kwj kb` cvI A'tc'lv c'jvZb Kwj gvLv cvI tewk Dc'thvMx (Old stained plate is better than new stainless pot for cooking)
 (C) tgNjv i wI tgNkY` i wI A'tc'lv AwkZi VwUv (Cloudy night is cooler than cloudless night)
 (D) P'v'qi Kv'tci evBt'ii c'p c'w'j k Kiv `vKt'j Pv A'tbK'lv Mi g `v`K (If the outer surface of a cup of tea is polished , the tea remains hot longer)

- 34| Drcv`i t'gvj msL`v wewµqvi t'gvj msL`vi t'Ptq Kg ntj tKvbwU mwVK ? [Which one is correct when the number of mole of product is lesser than reactants?]
 (A) ΔH = Δu (B) ΔH > Δu
 (C) ΔH < Δu (D) None
- 35| k'jmb Gi t'q'tI c0hvR` bq- [Which one is not applicable for respiration?]
 (A) RvUj Lv` AYy wewkó ntq mij AYt'Z cwi YZ nq (complex food converts into simple molecule)
 (B) Kv'te'fvBt'WU mwAZ tmSi kw³ R'x'tei e`env'ti i Rb` Z'vckw³ i`tc wbmZ nq (The storage solar energy of carbohydrate converts into heat energy due to the usage of living organs)
 (C) k'nt'bi t'q'tI C₆H₁₂O₆ + 6O₂ → 6CO₂ + 6H₂O + Z'vckw³ (for respiration: C₆H₁₂O₆ + 6O₂ → 6CO₂ + 6H₂O + heat energy.)
 (D) B'rv cwb M0hb Kti (it absorbs water)
- 36| `nb Gb_vj wci c0qvm tKvbwU ? [Which one is the application of combustion enthalpy?]
 (A) th'stMi MVb w'vY' (Determining the structure of compound)
 (B) wewµqv Gb_vj w'c w'vY' (Determining the enthalpy of reaction)
 (C) Both
 (D) None
- 37| KZ D`PZv t`tK GKwU eit'idi UKiv AwfKt'IP Uv'tb cotj th Z'vc Drcb'ent'e Z'vt'Z eit'idi 10% ntj hv'te? [mg`-hw'sK kw³ Z'vt'c cwi YZ ntq'tQ Ges eid Mj t'bi Av't'c'v'K mβZ'vc 3.36×10⁵JKg⁻¹J.]? [10% of a piece of ice mets with the heat produced when it falls from a height (here total mechanical energy converts to heat energy and specific latent heat of fusion for ice is 3.36×10⁵JKg⁻¹J)?]
 (A) 3.4×10³ m (B) 3.4×10⁵ m
 (C) 3428.57 m (D) 1450.28 m
- 38| mvt'j vKms'tkI t'Y tKvbwU mZ` bq ? [Which one is not true for photosynthesis?]
 (A) i`agvI tKv`i w'dj h'p Astk NtU (Happens only in the part where chlorophill is present)
 (B) w`ev-i wI P'tj (occurr day-night)
 (C) kw³ msi w'q'Z nq (stores energy)
 (D) CO₂ t'kwl Z nq, O₂ wbmZ nq (absorbs CO₂, extracts O₂)
- 39| t'nevi c`xwZ NH₃ Drcv` t'b c'f'v'ek wnmvte e`euZ nq? (The catalyst used to make NH₃ industrially in hebar process is-)
 (A) Fe (B) V₂O₅
 (C) Pd (D) Pt

- 40| \dot{U} b m^u t K^q Kvb D^w u mZ^o bq ? [Which is not true for boiling ?]
 (A) Zi tj i me^o msNmUJZ nq (Occurs every where in the liquid)
 (B) w^o w^o Zvcgv^o vq N^o U (Occurs at a definite temperature)
 (C) GK^o u g^o s^o c^o u qv (A slow process)
 (D) k^o t^o Z^o i m^o u^o nq bv (No cold occurs)
- 41| g^o v^o t^o j^o w^o i qv ci R^o x^o e^o t^o K^o v^o c^o R^o v^o c^o i Z^o i m^o b^o v^o e^o v^o met^o P^o t^o q Kg ? [Which species of malaria have the shortest incubation period ?]
 (A) c^o v^o R^o g^o v^o t^o g^o v^o W^o q^o v^o w^o f^o t^o f^o (Plasmodium vivax)
 (B) c^o v^o R^o g^o v^o t^o g^o v^o W^o q^o v^o l^o t^o f^o w^o j (Plusmodium ovale)
 (C) c^o v^o R^o g^o v^o t^o g^o v^o W^o q^o v^o d^o v^o j m^o t^o c^o i v^o g (P. falciparum)
 (D) c^o v^o R^o g^o v^o t^o g^o v^o W^o q^o v^o g^o v^o t^o j^o w^o i qv (P. malariae)
- 42| He says to you, "I can help you"
 (A) He tells you that he can help you
 (B) He tells you that he could help you
 (C) He says you that he can help you
 (D) He tells you that he can helped you
- 43| m^o v^o g^o v^o s^o K^o c^o w^o i e^o f^o b^o i w^o b^o q^o v^o g^o K^o K^o q^o u^o ? (How many factors as there to change equilibrium constant?)
 (A) 1 (B) 2
 (C) 3 (D) 4
- 44| g^o v^o b^o e^o t^o t^o n^o g^o v^o t^o j^o w^o i qv R^o x^o e^o v^o y^o j c^o u^o w^o g^o K^o A^o e^o v^o t^o K^o v^o b^o u^o ? [Which is the primary phase of malaria in human body ?]
 (A) t^o u^o v^o t^o i v^o R^o t^o q^o U (Sporozoit)
 (B) U^o t^o d^o v^o R^o t^o q^o U (Thophozoit)
 (C) t^o g^o t^o i v^o R^o t^o q^o U (Merozoit)
 (D) m^o v^o B^o R^o u^o (Schizont)
- 45| t^o K^o v^o b^o u^o e^o u^o D^o r^o c^o v^o t^o b^o i k^o Z^o b^o q ? [Which is not a condition for producing beat?]
 (A) Zi 1/2 `y^o U^o i K^o u^o v^o 1/4 l^o Z^o x^o e^o Z^o v^o c^o u^o q m^o g^o v^o b^o n^o t^o Z^o n^o t^o e (Frequency and amplitude of the two waves must be approximately equal)
 (B) Zi 1/2 `y^o U^o GK^o u^o m^o g^o t^o q D^o r^o c^o b^o e^o n^o t^o Z^o n^o t^o e (The two waves must be produced simultaneously)
 (C) Zi 1/2 `y^o U^o i `i^o Y^o g^o v^o a^o t^o g^o i t^o K^o v^o GK^o u^o K^o Y^o v^o i m^o i Y^o GK^o B^o t^o i L^o v^o q n^o t^o Z^o n^o t^o e (Displacement of a particle of the medium due to the two waves must be in one line)
 (D) Zi 1/2 `y^o U^o i w^o g^o v^o j Z^o w^o l^o q^o v^o q w^o e^o v^o i m^o g^o t^o q^o i m^o v^o t^o A^o c^o i w^o e^o v^o Z^o v^o K^o t^o e (Amplitude due to the combined action of the waves will remain unchanged with time)
- 46| A^o w^o e^o g^o v^o a^o t^o g^o t^o d^o b^o d^o w^o j t^o b^o i e^o Y^o K^o i c^o ? (What is the color of pheofthaler in an acidic medium?)
 (A) t^o m^o v^o j v^o c^o x (pink) (B) n^o j y^o (Yellow)
 (C) b^o x^o j (blue) (D) e^o Y^o f^o i x^o b (colorless)
- 47| t^o K^o v^o b^o u^o c^o i R^o x^o e^o i `e^o n^o k^o o^o bq ? [Which is not the characteristic of parasite ?]
 (A) t^o c^o v^o l^o K^o t^o n^o t^o t^o K^o c^o u^o o^o l^o A^o v^o k^o t^o j v^o f^o K^o t^o i (Achive nutrition and place to live in from the host)
 (B) t^o c^o v^o U^o t^o K^o i w^o K^o o^o z^o b^o v^o w^o K^o o^o z^o v^o q^o i w^o Z^o K^o t^o i (Do some harms to the host)
 (C) c^o R^o b^o b^o q^o l^o g^o Z^o v^o K^o g (Reproductive is very low)
 (D) v^o a^o x^o b^o R^o x^o e^o b^o h^o v^o c^o t^o b^o A^o q^o l^o g (Unable to live on independent life.)
- 48| o^o s^o i Z^o i w^o g^o b^o v^o i o^o K^o w^o e^o Z^o w^o u^o t^o K^o w^o j t^o l^o t^o o^o b^o ? [Who wrote the poem 'Srityr Minar'?]
 (A) k^o v^o g^o m^o j i v^o n^o g^o v^o b (Shamsur Rahman)
 (B) A^o v^o e^o y^o R^o v^o d^o i l^o e^o i q^o ` j w^o (Abu Jafar Obaedullah)
 (C) A^o v^o j v^o D^o i w^o i b^o A^o v^o j A^o v^o R^o v^o (Alauddin Al Azad)
 (D) n^o v^o m^o v^o b^o n^o w^o d^o R^o j i n^o g^o v^o b (Hasan Hafizur Rahman)
- 49| t^o K^o v^o b^o g^o v^o a^o t^o g^o k^o t^o a^o i t^o e^o m^o m^o e^o t^o P^o t^o q^o t^o e^o n^o k^o ? [Velocity of sound is highest in-?]
 (A) t^o j v^o n^o v (Steel) (B) c^o w^o b (Water)
 (C) K^o w^o (Wood) (D) e^o i Z^o v^o m (Air)
- 50| Give the prize to deserves it.
 (A) whoever (B) whomever
 (C) whom (D) whose
- 51| A^o v^o i t^o k^o v^o j v^o i w^o w^o t^o k^o q^o t^o K^o v^o b^o L^o U^o t^o K^o A^o e^o w^o Z^o ? [The ovary of cokroach is situated in-]
 (A) 1g t^o t^o K^o 4^o D^o i x^o q L^o U^o t^o K^o (1st - 4th abdominal part)
 (B) 2g t^o t^o K^o 5g D^o i x^o q L^o U^o t^o K^o (2nd - 5th abdominal part)
 (C) 4^o t^o t^o K^o 6^o D^o i x^o q L^o U^o t^o K^o (4th - 6th abdominal part)
 (D) 7g t^o t^o K^o 10g D^o i x^o q L^o U^o t^o K^o (7th - 10th abdominal part)
- 52| e^o t^o b^o b^o n^o t^o Z^o t^o m^o w^o q^o v^o g^o t^o K^o t^o i U^o (I) c^o v^o l^o q^o v^o h^o v^o q^o K^o Z^o Z^o v^o c^o v^o g^o v^o i v^o q^o ? (At which temperature Na-clorate is gained from Bryne?)
 (A) 22° C (B) 24° C
 (C) 26° C (D) 28° C
- 53| w^o e^o f^o e^o c^o v^o R^o i t^o e^o j v^o q^o t^o K^o v^o b^o D^o i w^o u^o m^o w^o k^o b^o q^o ? [Which is not correct for potential difference?]
 (A) w^o e^o f^o e^o c^o v^o R^o e^o Z^o i t^o i v^o t^o a^o i D^o c^o i w^o b^o f^o P^o K^o t^o i b^o v (Potential difference does not depend on the resistance of circuit)
 (B) w^o e^o f^o e^o c^o v^o R^o Z^o i w^o P^o v^o j K^o k^o w^o i d^o j (Potential difference is between two points of a circuit)
 (C) w^o e^o f^o e^o c^o v^o R^o n^o q^o e^o Z^o i t^o h^o t^o K^o v^o b^o w^o e^o j g^o t^o a^o (Potential difference is not constant)
 (D) w^o e^o f^o e^o c^o v^o R^o w^o i v^o t^o K^o b^o v (Potential difference is not constant)

- 54| $\text{tZj v}^{\text{t}}\text{cVki wi tU}^{\text{t}}\text{m}^{\text{t}}\text{iej Kgt}^{\text{t}}\text{ i K}^{\text{t}}\text{c}^{\text{t}}\text{v}^{\text{t}}\text{ A}^{\text{t}}\text{v}^{\text{t}}\text{v}^{\text{t}}\text{m}^{\text{t}}\text{qy}^{\text{t}}$ "Q - [The ritrocerebral complex's corpera alata nerves of cokroach-]
 (A) $\text{c}^{\text{t}}\text{Rbb}^{\text{t}}$ I $\text{i}^{\text{t}}\text{c}^{\text{t}}\text{v}^{\text{t}}\text{S}^{\text{t}}\text{H}^{\text{t}}$ $\text{m}^{\text{t}}\text{v}^{\text{t}}\text{v}^{\text{t}}\text{h}^{\text{t}}$ $\text{K}^{\text{t}}\text{vix}^{\text{t}}$ $\text{ni}^{\text{t}}\text{tgyb}^{\text{t}}$ $\text{vbtmi}^{\text{t}}\text{t}^{\text{t}}\text{b}^{\text{t}}$ $\text{m}^{\text{t}}\text{v}^{\text{t}}\text{v}^{\text{t}}\text{h}^{\text{t}}$ K^{t} (Secret the hormone of reproduction and meta morphosis)
 (B) $\text{k}^{\text{t}}\text{ym}^{\text{t}}$ $\text{i}^{\text{t}}\text{t}^{\text{t}}\text{U}^{\text{t}}$ $\text{K}^{\text{t}}\text{vR}^{\text{t}}$ $\text{v}^{\text{t}}\text{bq}^{\text{t}}\text{S}^{\text{t}}\text{b}^{\text{t}}$ K^{t} (Controll the function of spiracle)
 (C) u^{t} u^{t} b^{t} I $\text{t}^{\text{t}}\text{cwi}^{\text{t}}$ v^{t} v^{t} mm^{t} $\text{v}^{\text{t}}\text{bq}^{\text{t}}\text{S}^{\text{t}}\text{b}^{\text{t}}$ K^{t} (Controll the heart-beat and verjastalsis)
 (D) j^{t} $\text{v}^{\text{t}}\text{et}^{\text{t}}\text{g}^{\text{t}}$ $\text{m}^{\text{t}}\text{qj}^{\text{t}}\text{f}^{\text{t}}$ $\text{t}^{\text{t}}\text{c}^{\text{t}}\text{O}^{\text{t}}\text{Y}^{\text{t}}$ K^{t} (Send herve fibre to Labrum)
- 55| The antonym of "Shabby"
 (A) Astute (B) New
 (C) Sober (D) Hostile
- 56| $\text{tK}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$ $\text{v}^{\text{t}}\text{g}^{\text{t}}\text{v}^{\text{t}}\text{q}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}$? (Which one is minium-?)
 (A) PbO^{t} (B) PbO_2^{t}
 (C) $\text{Pb}_3\text{O}_4^{\text{t}}$ (D) $\text{Pb}_2\text{O}^{\text{t}}$
- 57| $\text{R}^{\text{t}}\text{v}^{\text{t}}\text{Z}^{\text{t}}\text{m}^{\text{t}}\text{S}^{\text{t}}\text{t}^{\text{t}}\text{Ni}^{\text{t}}$ $\text{v}^{\text{t}}\text{B}^{\text{t}}\text{wi}^{\text{t}}$ K^{t} $\text{f}^{\text{t}}\text{v}^{\text{t}}$ bq^{t} $\text{tK}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$? [Which is not the official language of United Nations?]
 (A) $\text{A}^{\text{t}}\text{vi}^{\text{t}}$ w^{t} (Arabic) (B) u^{t} $\text{v}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{K}^{\text{t}}$ (Spanish)
 (C) i^{t} $\text{v}^{\text{t}}\text{K}^{\text{t}}\text{q}^{\text{t}}\text{v}^{\text{t}}$ (Russian) (D) $\text{R}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}\text{f}^{\text{t}}$ (German)
- 58| $\text{tK}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$ $\text{t}^{\text{t}}\text{f}^{\text{t}}\text{v}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}\text{U}^{\text{t}}\text{t}^{\text{t}}$ i^{t} $\text{e}^{\text{t}}\text{ik}^{\text{t}}\text{O}^{\text{t}}$ bq^{t} ? [Which is not a characteristic of voltmeter?]
 (A) $\text{G}^{\text{t}}\text{K}^{\text{t}}$ $\text{D}^{\text{t}}\text{c}^{\text{t}}$ v^{t} $\text{t}^{\text{t}}\text{f}^{\text{t}}\text{b}^{\text{t}}$ u^{t} w^{t} e^{t} $\text{y}^{\text{t}}\text{r}^{\text{t}}\text{O}^{\text{t}}\text{vi}^{\text{t}}$ $\text{v}^{\text{t}}\text{t}^{\text{t}}\text{K}^{\text{t}}$ (There are two electrodes of same element)
 (B) $\text{t}^{\text{t}}\text{f}^{\text{t}}\text{v}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}\text{U}^{\text{t}}\text{t}^{\text{t}}$ $\text{Z}^{\text{t}}\text{ur}$ $\text{w}^{\text{t}}\text{e}^{\text{t}}\text{t}^{\text{t}}\text{K}^{\text{t}}$ H^{t} $\text{K}^{\text{t}}\text{iv}^{\text{t}}$ nq^{t} (Electrolysis is done in voltmeter)
 (C) $\text{t}^{\text{t}}\text{f}^{\text{t}}\text{v}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}\text{U}^{\text{t}}\text{t}^{\text{t}}$ i^{t} $\text{v}^{\text{t}}\text{m}^{\text{t}}\text{v}^{\text{t}}\text{q}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{K}^{\text{t}}$ $\text{kw}^{\text{t}}\text{v}^{\text{t}}$ w^{t} e^{t} y^{t} r^{t} $\text{kw}^{\text{t}}\text{v}^{\text{t}}$ $\text{t}^{\text{t}}\text{Z}^{\text{t}}$ i^{t} $\text{c}^{\text{t}}\text{v}^{\text{t}}\text{S}^{\text{t}}\text{wi}^{\text{t}}$ Z^{t} nq^{t} (In voltmeter chemical energy is converted to electric energy)
 (D) $\text{t}^{\text{t}}\text{f}^{\text{t}}\text{v}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}\text{U}^{\text{t}}\text{t}^{\text{t}}$ $\text{A}^{\text{t}}\text{v}^{\text{t}}\text{q}^{\text{t}}\text{t}^{\text{t}}$ $\text{m}^{\text{t}}\text{v}^{\text{t}}\text{O}^{\text{t}}$ nq^{t} (Ions are produced voltmeter)
- 59| $\text{tK}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$ $\text{A}^{\text{t}}\text{vi}^{\text{t}}$ $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}$ vi^{t} i^{t} $\text{t}^{\text{t}}\text{v}^{\text{t}}$ i^{t} $\text{e}^{\text{t}}\text{ik}^{\text{t}}\text{O}^{\text{t}}$ bq^{t} ? [Which s not the characteristic of cokroach's blood?]
 (A) B^{t} $\text{ai}^{\text{t}}\text{t}^{\text{t}}\text{b}^{\text{t}}$ $\text{v}^{\text{t}}\text{t}^{\text{t}}\text{g}^{\text{t}}\text{v}^{\text{t}}\text{m}^{\text{t}}\text{v}^{\text{t}}\text{BU}^{\text{t}}$ t^{t} L^{t} $\text{h}^{\text{t}}\text{v}^{\text{t}}\text{q}^{\text{t}}$ h^{t} v^{t} $\text{t}^{\text{t}}\text{c}^{\text{t}}\text{O}^{\text{t}}\text{v}^{\text{t}}\text{t}^{\text{t}}\text{g}^{\text{t}}\text{v}^{\text{t}}\text{m}^{\text{t}}\text{v}^{\text{t}}\text{BU}^{\text{t}}$ I $\text{U}^{\text{t}}\text{b}^{\text{t}}\text{w}^{\text{t}}\text{R}^{\text{t}}\text{K}^{\text{t}}\text{b}^{\text{t}}\text{v}^{\text{t}}$ $\text{v}^{\text{t}}\text{t}^{\text{t}}\text{g}^{\text{t}}\text{v}^{\text{t}}\text{m}^{\text{t}}\text{v}^{\text{t}}\text{BU}^{\text{t}}$ (There are 2 types of haemacytes, prohaecyte, tran sitional haecyte)
 (B) $\text{A}^{\text{t}}\text{vi}^{\text{t}}$ $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}$ vi^{t} i^{t} e^{t} $\text{Y}^{\text{t}}\text{f}^{\text{t}}\text{ix}^{\text{t}}$ (Blood is colorless)
 (C) i^{t} $\text{t}^{\text{t}}\text{v}^{\text{t}}$ $\text{A}^{\text{t}}\text{v}^{\text{t}}\text{t}^{\text{t}}\text{c}^{\text{t}}\text{w}^{\text{t}}\text{f}^{\text{t}}\text{K}^{\text{t}}$ v^{t} i^{t} Z^{t} 7.5-8.0 (Specific gravity of blood 7.5-8.0)
 (D) i^{t} c^{t} $\text{c}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{Z}^{\text{t}}$ L^{t} v^{t} $\text{m}^{\text{t}}\text{vi}^{\text{t}}$ I $\text{e}^{\text{t}}\text{R}^{\text{t}}\text{C}^{\text{t}}$ v^{t} c^{t} $\text{m}^{\text{t}}\text{S}^{\text{t}}\text{ent}^{\text{t}}\text{b}^{\text{t}}$ $\text{K}^{\text{t}}\text{vR}^{\text{t}}$ K^{t} (Blood carry excess food and wabtage)
- 60| $\text{tK}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}$ Z^{t} u^{t} $\text{c}^{\text{t}}\text{vR}^{\text{t}}\text{g}^{\text{t}}$ $\text{t}^{\text{t}}\text{g}^{\text{t}}\text{t}^{\text{t}}\text{e}^{\text{t}}\text{t}^{\text{t}}\text{b}^{\text{t}}$ t^{t} $\text{f}^{\text{t}}\text{t}^{\text{t}}$ $\text{m}^{\text{t}}\text{w}^{\text{t}}\text{K}^{\text{t}}$ bq^{t} ? [Which is not correct for plasma membrane ?]
 (A) L^{t} v^{t} g^{t} v^{t} $\text{kw}^{\text{t}}\text{v}^{\text{t}}$ v^{t} $\text{b}^{\text{t}}\text{M}^{\text{t}}\text{Z}^{\text{t}}$ $\text{K}^{\text{t}}\text{iv}^{\text{t}}$ (Reduce the inner energy of food)
 (B) $\text{G}^{\text{t}}\text{bR}^{\text{t}}\text{v}^{\text{t}}\text{Bg}^{\text{t}}$ I $\text{G}^{\text{t}}\text{w}^{\text{t}}\text{U}^{\text{t}}\text{t}^{\text{t}}\text{R}^{\text{t}}$ f^{t} i^{t} Y^{t} $\text{K}^{\text{t}}\text{iv}^{\text{t}}$ (Secretion of enzyme and antizen)
 (C) $\text{c}^{\text{t}}\text{vR}^{\text{t}}\text{g}^{\text{t}}\text{v}^{\text{t}}\text{t}^{\text{t}}\text{g}^{\text{t}}\text{t}^{\text{t}}\text{e}^{\text{t}}\text{t}^{\text{t}}\text{b}^{\text{t}}$ $\text{A}^{\text{t}}\text{v}^{\text{t}}\text{y}^{\text{t}}\text{b}^{\text{t}}\text{K}^{\text{t}}\text{Z}^{\text{t}}\text{g}^{\text{t}}$ I $\text{m}^{\text{t}}\text{e}^{\text{t}}\text{R}^{\text{t}}\text{b}^{\text{t}}$ $\text{M}^{\text{t}}\text{v}^{\text{t}}$ $\text{M}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}$ $\text{g}^{\text{t}}\text{t}^{\text{t}}\text{W}^{\text{t}}\text{t}^{\text{t}}$ i^{t} $\text{g}^{\text{t}}\text{t}^{\text{t}}\text{W}^{\text{t}}\text{t}^{\text{t}}$ i^{t} $\text{b}^{\text{t}}\text{v}^{\text{t}}$ $\text{d}^{\text{t}}\text{B}^{\text{t}}$ $\text{t}^{\text{t}}\text{g}^{\text{t}}\text{v}^{\text{t}}\text{R}^{\text{t}}\text{v}^{\text{t}}\text{BK}^{\text{t}}$ $\text{g}^{\text{t}}\text{t}^{\text{t}}\text{W}^{\text{t}}\text{t}^{\text{t}}$ (The most modern and acceptable model on plasma membrane is fluid mosaic model)
 (D) $\text{w}^{\text{t}}\text{e}^{\text{t}}\text{f}^{\text{t}}\text{b}^{\text{t}}\text{e}^{\text{t}}$ $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}$ A^{t} v^{t} b^{t} y^{t} $\text{t}^{\text{t}}\text{h}^{\text{t}}\text{g}^{\text{t}}$ $\text{g}^{\text{t}}\text{v}^{\text{t}}$ B^{t} $\text{t}^{\text{t}}\text{U}^{\text{t}}\text{v}^{\text{t}}\text{K}^{\text{t}}\text{U}^{\text{t}}\text{t}^{\text{t}}\text{v}^{\text{t}}$ M^{t} $\text{v}^{\text{t}}\text{M}^{\text{t}}\text{e}^{\text{t}}\text{w}^{\text{t}}$ B^{t} v^{t} $\text{m}^{\text{t}}\text{v}^{\text{t}}\text{O}^{\text{t}}$ t^{t} $\text{m}^{\text{t}}\text{v}^{\text{t}}\text{q}^{\text{t}}$ Z^{t} K^{t} (Helps to create many cell organelles like mitochondria, golgibody)
- 61| W^{t} t^{t} $\text{v}^{\text{t}}\text{g}^{\text{t}}\text{v}^{\text{t}}\text{BU}^{\text{t}}$ $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$? (Which one is dolomite?)
 (A) CaCO_3^{t} (B) MgCO_3^{t}
 (C) CaCO_3^{t} (D) None
- 62| I can't quite out what is written on the board
 (A) make (B) read
 (C) get (D) fulfil
- 63| $\text{X}^{\text{t}}\text{i}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}$ $\text{w}^{\text{t}}\text{e}^{\text{t}}\text{K}^{\text{t}}\text{e}^{\text{t}}$ v^{t} t^{t} q^{t} c^{t} O^{t} g^{t} O^{t} v^{t} X^{t} - [First female student of Dhaka university was-]
 (A) j^{t} x^{t} v^{t} $\text{b}^{\text{t}}\text{v}^{\text{t}}\text{M}^{\text{t}}$ (Leela Nag)
 (B) B^{t} j^{t} v^{t} $\text{w}^{\text{t}}\text{g}^{\text{t}}$ (Ila Mitra)
 (C) m^{t} j^{t} Z^{t} v^{t} $\text{t}^{\text{t}}\text{N}^{\text{t}}\text{v}^{\text{t}}$ (Sulata Ghosh)
 (D) d^{t} $\text{w}^{\text{t}}\text{R}^{\text{t}}$ j^{t} v^{t} Z^{t} $\text{t}^{\text{t}}\text{b}^{\text{t}}\text{m}^{\text{t}}$ (fajilatunnesa)
- 64| w^{t} t^{t} $\text{K}^{\text{t}}\text{Z}^{\text{t}}\text{U}^{\text{t}}$ t^{t} $\text{v}^{\text{t}}\text{g}^{\text{t}}$ $\text{t}^{\text{t}}\text{R}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}$ v^{t} $\text{t}^{\text{t}}\text{K}^{\text{t}}$? [How many chromosome are there in ovum ?]
 (A) $\text{G}^{\text{t}}\text{K}^{\text{t}}$ $\text{t}^{\text{t}}\text{R}^{\text{t}}\text{v}^{\text{t}}\text{O}^{\text{t}}$ (1 pair) (B) $\text{G}^{\text{t}}\text{K}^{\text{t}}\text{U}^{\text{t}}$ (1)
 (C) $\text{t}^{\text{t}}\text{Z}^{\text{t}}\text{B}^{\text{t}}$ $\text{t}^{\text{t}}\text{R}^{\text{t}}\text{v}^{\text{t}}\text{O}^{\text{t}}$ (23 pair) (D) $\text{t}^{\text{t}}\text{Z}^{\text{t}}\text{B}^{\text{t}}\text{K}^{\text{t}}\text{U}^{\text{t}}$ (23)
- 65| i^{t} $\text{v}^{\text{t}}\text{m}^{\text{t}}\text{v}^{\text{t}}\text{q}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{K}^{\text{t}}$ c^{t} v^{t} $\text{t}^{\text{t}}\text{K}^{\text{t}}$ i^{t} $\text{v}^{\text{t}}\text{R}^{\text{t}}$ $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$? (Which one is the king of chemicals?)
 (A) HNO_3^{t} (B) $\text{H}_2\text{SO}_4^{\text{t}}$
 (C) $\text{H}_3\text{PO}_4^{\text{t}}$ (D) All
- 66| c^{t} i^{t} $\text{e}^{\text{t}}\text{Z}^{\text{t}}$ c^{t} e^{t} v^{t} $\text{w}^{\text{t}}\text{v}^{\text{t}}\text{q}^{\text{t}}\text{v}^{\text{t}}\text{t}^{\text{t}}\text{g}^{\text{t}}$ $\text{A}^{\text{t}}\text{sk}^{\text{t}}$ bq^{t} $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$? [Which is not a part of A.C dynamo?]
 (A) $\text{P}^{\text{t}}\text{e}^{\text{t}}\text{K}^{\text{t}}$ (Magnet) (B) $\text{A}^{\text{t}}\text{v}^{\text{t}}\text{t}^{\text{t}}\text{g}^{\text{t}}\text{P}^{\text{t}}\text{i}^{\text{t}}$ (Armecher)
 (C) $\text{K}^{\text{t}}\text{g}^{\text{t}}\text{t}^{\text{t}}\text{U}^{\text{t}}\text{i}^{\text{t}}$ (Commutator) (D) $\text{e}^{\text{t}}\text{ik}^{\text{t}}$ (Brush)
- 67| $\text{v}^{\text{t}}\text{b}^{\text{t}}\text{t}^{\text{t}}\text{g}^{\text{t}}\text{e}^{\text{t}}$ $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$ a^{t} $\text{f}^{\text{t}}\text{Y}^{\text{t}}\text{x}^{\text{t}}$ G^{t} t^{t} $\text{v}^{\text{t}}\text{w}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}$ t^{t} $\text{t}^{\text{t}}\text{K}^{\text{t}}$ $\text{Z}^{\text{t}}\text{wi}^{\text{t}}$? [Which is created from embryoic echtoderm ?]
 (A) K^{t} v^{t} $\text{Z}^{\text{t}}\text{S}^{\text{t}}$ (Skeleton system)
 (B) i^{t} v^{t} $\text{m}^{\text{t}}\text{S}^{\text{t}}\text{enb}^{\text{t}}$ $\text{Z}^{\text{t}}\text{S}^{\text{t}}$ (Blood circulatory system)
 (C) $\text{m}^{\text{t}}\text{q}^{\text{t}}\text{Z}^{\text{t}}\text{S}^{\text{t}}$ (Nerve system)
 (D) $\text{K}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{Z}^{\text{t}}\text{S}^{\text{t}}$ (Respiratory system)
- 68| $\text{tK}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$ A^{t} v^{t} w^{t} U^{t} t^{t} v^{t} ? (Which one is anticlre?)
 (A) SO_2^{t} (B) SCL_2^{t}
 (C) $\text{H}_2\text{SO}_4^{\text{t}}$ (D) $[\text{O}]^{\text{t}}$
- 69| O^{t} A^{t} $\text{v}^{\text{t}}\text{g}^{\text{t}}$ t^{t} L^{t} v^{t} b^{t} w^{t} $\text{t}^{\text{t}}\text{q}^{\text{t}}\text{B}^{\text{t}}$ v^{t} $\text{w}^{\text{t}}\text{K}^{\text{t}}$ Translate it into English.
 (A) I am to go there (B) I have to go there
 (C) I do go there (D) I go there often
- 70| $\text{Cu}^{2+}(\text{aq.})$ Gi^{t} e^{t} $\text{Y}^{\text{t}}\text{w}^{\text{t}}\text{K}^{\text{t}}$? (What is the color of $\text{Cr}^{2+}(\text{aq.})$?)
 (A) Blue (B) Green
 (C) Colorless (D) Pink
- 71| $\text{v}^{\text{t}}\text{b}^{\text{t}}\text{t}^{\text{t}}\text{g}^{\text{t}}\text{e}^{\text{t}}$ $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{v}^{\text{t}}\text{b}^{\text{t}}\text{U}^{\text{t}}$ Z^{t} u^{t} $\text{t}^{\text{t}}\text{b}^{\text{t}}\text{d}^{\text{t}}\text{b}^{\text{t}}$ R^{t} c^{t} $\text{O}^{\text{t}}\text{h}^{\text{t}}\text{v}^{\text{t}}\text{R}^{\text{t}}$ $\text{n}^{\text{t}}\text{e}^{\text{t}}$? [Which information is applicable for nephron ?]
 (A) a^{t} $\text{f}^{\text{t}}\text{Y}^{\text{t}}\text{x}^{\text{t}}$ $\text{t}^{\text{t}}\text{g}^{\text{t}}\text{t}^{\text{t}}\text{m}^{\text{t}}\text{w}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}$ t^{t} $\text{t}^{\text{t}}\text{K}^{\text{t}}$ $\text{m}^{\text{t}}\text{v}^{\text{t}}\text{O}^{\text{t}}$ nq^{t} (It is created from embryoic mesoderm)
 (B) c^{t} O^{t} Z^{t} K^{t} e^{t} t^{t} 12 $\text{t}^{\text{t}}\text{K}^{\text{t}}\text{w}^{\text{t}}\text{U}^{\text{t}}$ $\text{t}^{\text{t}}\text{b}^{\text{t}}\text{d}^{\text{t}}\text{b}^{\text{t}}$ $\text{v}^{\text{t}}\text{t}^{\text{t}}\text{K}^{\text{t}}$ (There are 12 crore hepron in every kidney)
 (C) $\text{t}^{\text{t}}\text{b}^{\text{t}}\text{d}^{\text{t}}\text{b}^{\text{t}}$ t^{t} v^{t} $\text{g}^{\text{t}}\text{t}^{\text{t}}\text{S}^{\text{t}}$ $\text{g}^{\text{t}}\text{t}^{\text{t}}\text{S}^{\text{t}}$ m^{t} j^{t} c^{t} O^{t} $\text{m}^{\text{t}}\text{v}^{\text{t}}\text{q}^{\text{t}}\text{v}^{\text{t}}$ i^{t} $\text{t}^{\text{t}}\text{t}^{\text{t}}\text{K}^{\text{t}}$ b^{t} $\text{v}^{\text{t}}\text{B}^{\text{t}}$ $\text{t}^{\text{t}}\text{U}^{\text{t}}\text{R}^{\text{t}}\text{t}^{\text{t}}$ $\text{e}^{\text{t}}\text{R}^{\text{t}}$ C^{t} K^{t} (Often in a simple process, these nephron reduce wastage containing nitrogen from blood)
 (D) a^{t} $\text{f}^{\text{t}}\text{Y}^{\text{t}}\text{x}^{\text{t}}$ G^{t} t^{t} $\text{v}^{\text{t}}\text{w}^{\text{t}}\text{v}^{\text{t}}\text{g}^{\text{t}}$ t^{t} $\text{t}^{\text{t}}\text{K}^{\text{t}}$ $\text{m}^{\text{t}}\text{v}^{\text{t}}\text{O}^{\text{t}}$ nq^{t} (It is created from embryonic mesoderm)

- 72| AvšR@ZK WvK ms⁻vi msw¶|ß i/c - [The abbreviation of international postal organization is -]
 (A) WPU (B) IPO
 (C) UPU (D) IPU
- 73| †KvbWU nvB†W†Rb h³ `Re thšM? [Which one is anhorganic compound with hydrogen?]
 (A) Pyrine
 (B) Benzene Hexa chloride
 (C) Hexachlobezene
 (D) me₂wj (All)
- 74| your dress properly
 (A) Button on
 (B) Button up
 (C) Button at
 (D) Button along
- 75| me†P†q teuk mPj / mÂVj b¶|g Aw⁻ mWU - [The most movable joint is-]
 (A) dvBe†m/Zšgq mWU (fibrous)
 (B) KwU¶j wRbvm /Zi "bw⁻gq mWU (cartilagenous)
 (C) mvB†bwf¶qvj / Mnei h³ mWU (sinovial)
 (D) wmb†Wgtgwm mWU (condaloid)
- 76| mgcêv†ni †¶|†† †KvbWU wg₋v ? [Which is false for direct current?]
 (A) Awfg₋ me[⊙]v w⁻i _v†K (Direction is always constant)
 (B) Intgi m† I Kwk†di m† tg†b P†j (Follow ohm's law and Kirchoff's law)
 (C) gvb me[⊙]v w⁻i _v†K (Value is always constant)
 (D) gvb me†bg¶q (Value becomes minimum)
- 77| mi["] wCR†gi †¶|†† †Kvb Dw³WU fj ? [Which statement is wrong for thin prism?]
 (A) AvCZb †KvY I cšZmiY †Kvb ¶|i³ n†e (Angle of incidence and angle of refraction will be small)
 (B) wCRg †Kvb 10° Gi Kg n†e (Prism angle will be less than 10°)
 (C) j[∝] AvCZ†bi †¶|††, σ = (μ-1)A (In case of perperdicular falling, σ = (μ-1)A)
 (D) †KvbWU bq (None)
- 78| w†gê †KvbWU cwj w₋†bi g†bv¶vi ? [Which one of the following is the monomer of polythin?]
 (A) Vinyl chloride
 (B) Ethalin
 (C) Vinyle acelate
 (D) iso butylene
- 79| Av†j KRvÜv†i i wK¶|K wQ†j b - [The teacher of Alexandar was -]
 (A) m†pWU (Socrates)
 (B) †c†W (Plato)
 (C) †n†i wK†Wm (Heroclitus)
 (D) Gwi ÷Uj (Aristotole)
- 80| †Kvb AskWU ep` v†šj ? [Which part belongs to big intestine ?]
 (A) Bwj qvg (Ileum)
 (B) wWl †Wbv¶g (Duodenum)
 (C) †RR¶v¶g (Jejunum)
 (D) wmkv¶g (Caecum)
- 81| ð tmvqBb cšbi DrcwE⁻j - [The origin place of Swine Flue is -]
 (A) nvl qvB (Hawai)
 (B) R`vqvBKv (Jamaica)
 (C) fvwR†bqv (varginia)
 (D) tgv† †Kv (Mexico)
- 82| th MšWU K`vj wmqvg wecv†K mnvqZv K†i - [The gland which helps in the metabolism of calisum-]
 (A) _vB†i w† b (Thyroxin)
 (B) K`vj w†Uwbb (Cansitonin)
 (C) tmvgv†Uv ÷ wWU (Samatostatin)
 (D) U†B Av†qv†W _vB†i wbb (Triiodo thaironin)
- 83| †KvbWU j¶Kvm weKvi K? [Which one is lucas reagent?]
 (A) HCl + ZnCl₂
 (B) Mvp ZnCl₂ + Abv[⊙]HCl
 (C) Mvp HCl + Abv[⊙]ZnCl₂
 (D) HCl + Abv[⊙]ZnCl₂
- 84| w†gê †KvbWU ü`w†Üi m†KvP†bi kw³†K evovq ? [What increase the power of contraction og the heart ?]
 (A) GW†i bwj b (adrenalin)
 (B) C`vi v₋i †gvb (Parathormone)
 (C) Bbmj b (Insulin)
 (D) †fMvm (Vegus)
- 85| evsj v† †ki RvZxq m½†Zi B†i Rx Abv[⊙]K - [The English translator of national anthem of Bangladesh is -]
 (A) wmi vRj Bmj vg (Sirajul Islam)
 (B) `mq` Avj x Avnmvb (Sayed Ali Ahsan)
 (C) Awbmj/4vgvb (Anisujjaman)
 (D) Kexi †Pšaj x (Kabir Chowdhury)
- 86| `Re imvq†bi tgi["] Ü n†"Q- [The backcone of organic chemistry is -]
 (A) Hydrocarbon
 (B) Organic acid
 (C) Bio-molecule
 (D) Carbonyl compounds.

- 87| As mnb mP-i i vR%owZK `j - [The political parts of Aung San Suu Kyi is-]
 (A) b'vkbvj tWtgvfμJK j xM (National Democratic League)
 (B) j xM Ae b'vkbvj tWtgvfμUm (National)
 (C) b'vkbvj j xM di tWtgvfμwm (National League for Democracy)
 (D) b'vkbvj j xM Ae tWtgvfμUm (National league of Democrats)
- 88| agbrfZ _vfk- [In vein, there is -]
 (A) cvZj v cPxi I wbgæi ³PvC (thin wall, low blood pressure)
 (B) cj" cPxi I D"P i ³PvC (thick wall, high blood pressure)
 (C) cvZj v cPxi I D"P i ³PvC (thin wall, high blood pressure)
 (D) cj" cPxi I wbgæi ³ PvC (thick wall, low blood pressure)
- 89| tUj yi K ti Lv tKv_vq Drcbæ nq ? [Teluric line is created in-]
 (A) Avtj vKgUj (Photosphere)
 (B) eYgUj (Chromosphere)
 (C) evqgUj (Atmosphere)
 (D) tKvbUjB bq (None)
- 90| tKvbUj Uvj b weKvi K ? [Which one is tollen's reagent?]
 (A) [Ag(NH₃)₂] OH
 (B) 2,4 DNPH
 (C) CuSO₄ , Cu(OH)₂
 (D) tKvbUjB bq (None)
- 91| tKvbUj ¶iz tšš+ Kj v v'vbi 'enkó' bq ? [Which is nit the characteristic of small intestine ?]
 (A) Metj U tKvl (goblate cell)
 (B) wFj vBtqi Abjcw-wZ (absence of villi)
 (C) my, wZ mvevgDfKvmv (well shaped submucosa)
 (D) Dcñi i tKvbUjB bq (None of these)
- 92| Hardly had we reached home it began to rain
 (A) which
 (B) what
 (C) How
 (D) when
- 93| mBq Kti wUKv macy- [7th cranial nerve-]
 (A) tFMvm (Vagus)
 (B) UvBtRugbvj (trigeminal)
 (C) AcwUK (Optic)
 (D) tclwqvj (Facial)

- 94| cPxbZg mwnZ"Kg® [The most ancient literature is -]
 (A) kKšjv (Shakuntala)
 (B) nsm`Z (Hangshadut)
 (C) ivgvqb (Ramayan)
 (D) gnvfi Z (Mahabharat)
- 95| wj wetvfg tKvb gj Kiu Aew`Z ? [Which radical is present in Librium ?]
 (A) -COOH (B) -NH₂
 (C) -CN (D) -OH
- 96| tKvbUj mZ" bq ? [Which is not true?]
 (A) tclvU'bi wBj fi kY" (Rest mass of photon is zero)
 (B) tclvU'bi wBw`θ kw³ I fi tēM AvtQ (Photon has definite energy and momentum)
 (C) tclvU'bi fi tēM, P = $\frac{h}{\lambda}$ (Momentum of photon $\frac{h}{\lambda}$)
 (D) tclvU'bi bvgKiY Ktib c^{3/4} (Planck gave the name of photon)
- 97| Choose the correct sentence
 (A) There is no lessons today
 (B) There are no lessons today
 (C) There are no lesson today
 (D) None of the above
- 98| M'vmi qb mveqMš' _vfk - [Gasserion ganglion is present -]
 (A) AC_vj wK mveqfZ (pthalamic nerve)
 (B) tclwqvj mveqfZ (facial nerve)
 (C) AwWUi mveqfZ (oditory nerve)
 (D) UvBtRugbvj mveqfZ (trigeminal nerve)
- 99| cvBti wj Mibqvm GwmW ntZ B_vqbuqK GwmW cUwZtZ Kv'vi weaYsmx cvZtbi Zvcgvi v KZ? [What is the temperatute of destructive distillation for producing ethanoic acid from pyrolignious acid?]
 (A) 100°C (B) 200°C
 (C) 300°C (D) 400°C
- 100| P`tkLi mxgv KZ ? [Which is the chandrasekhar limit?]
 (A) 1.4 M₀ (B) 3 M₀
 (C) 3.5 M₀ (D) 4.6 M₀