

tgvWtKj fWZ©ix¶v t 2009-2010

mgq t 1 NÈv

- 1| wbtgë tKvb Z_wU mwVK bq ?
 (a) i³ GmW l ¶v¶i i mgZv wqšY Kti
 (b) 'O' MÖc i t³ 'A' A_ev 'B' tKvbl G'wU¶Rb _vtK bv
 (c) i t³ _¶v¶i i wU b t_tK _gweb ^Zwi nq
 (d) i³ bj xi Af'šî MvÎ gmY
- 2| GKwU `Re thšMi 5.17 mg tK `nb Kitj 10.32 mg Kveß WvB-A- vBW Ges 4.23 mg cwb Drcbenq | 100°C ZvcgvÎv l 760 mm (Hg) PvcgvÎvq 0.156 g thšM 53 ml AvqZb `Lj Kti | thšMUi AvYweK mstKZ wbtgë tKvblU ?
 (a) C₆H₁₂O₃
 (b) C₄H₈O₂
 (c) C₂H₄O
 (d) C₈H₁₆O₄
- 3| GKwU evBmvBtKtj i PvKvi MwZ wbtgë tKvblU D`vni Y ?
 (a) eµ Pj b MwZ
 (b) mij Pj b MwZ
 (c) NYß MwZ
 (d) RvUj MwZ
- 4| evsj vt`tk wbtgë tKvb Zwi tL cÜg tmj tdlv Pj ynq ?
 (a) 25 btf¶ 1993
 (b) 26 gvP¶ 1998
 (c) 16 wWt¶m¶ 2005
 (d) 8 AvM÷ 1993
- 5| Which of the following pair contain correct translation of that English proverb?
 (a) Practice makes a man perfect:
 Ni tcvov Mi " wmi ¶i tgn t`Ltj Wivq
 (b) Strike the iron while it is hot:
 KuUv w`tq KuUv tZvj v
 (c) To add fuel to the fire: tSvC e¶S tKvC gvi v
 (d) To carry coal to Newcastle: tZj v gv_vq tZj t`l qv
- 6| i³ cè¶ni mgq i³ RgvU bv evavi KviY wbtgë tKvblU ?
 (a) wncwi tbi Dcw`wZ
 (b) bvj xi AgmY MvÎ
 (c) cwbi Dcw`wZ
 (d) Pj vP¶j i `MwZ
- 7| wbtgë tKvblU AvatKv l Y tµvgytUvMödx ?
 (a) tccvi
 (b) `¶c
 (c) M`vm
 (d) M`vm-Zij
- 8| wbtgë tKvblU mwVK bq ?
 (a) GKB Dcv`vb weikó e`i f¶i i wevfßzvi Rb` mßZvc wevfßenq
 (b) hLb eid, cwb Ges Rj xq ev®ú mnve`vb Kti, ZLb GKwU mgmZj`kv j vf Kti
 (c) ev®úxqFeb th tKvb ZvcgvÎvq NtU _vtK
 (d) Pvc cwieZ¶bi mv¶_ mv¶_ GKwU Zi tji ÜUvsvK cwieZß nq
- 9| evsj vt`tk wbtgë tKvb `vblU mve¶gwi b K`vetj i j `wÜs t÷kb ?
 (a) ¶Sj s Sv
 (b) bwi tKj ew_
 (c) g¶nkLv j x
 (d) `j v nvRi v
- 10| Which of the following underlined word is a verb?
 (a) It gave me trouble.
 (b) We stood silently.
 (c) He is dependent on me.
 (d) I can assure you.

- 31| tKvb \bar{v} bi f-tPŠ^αK tġġġi AbfngK Dcvsġki gvb 30μT Ges webwZ 60°| H \bar{v} bi f-tPŠ^αK tġġġi Dj $\bar{α}$ Dcvsġki gvb (μT) wbtġie tKvbwU ?
- (a) 51.96
 - (b) 96.51
 - (c) 30.80
 - (d) 63.89
- 32| Rġtei emn^αK j ġġYġK wbtġie tKvbwU ej v nq ?
- (a) cġKU $\bar{α}$ enkō^α
 - (b) cġQb $\bar{α}$ enkō^α
 - (c) wRġbvUvBc
 - (d) tġġbvUvBc
- 33| KNO₃ wbtġie tKvb tkYxi tKj vm Mvb Kġi ?
- (a) NbK
 - (b) gġbvwKwbK
 - (c) Aġ $\bar{α}$ w^αK
 - (d) tn $\bar{α}$ vġMvbvj
- 34| wbtġie tKvbwU kb^α \bar{v} bi Rb^α cġhvR^α ?
- kā Ziġġi Drm tKvb w^αi tġġZvi w^αtK MwZkxj \bar{v} KvKvjxb tġġZvi KvġQ gġb nte kā Ziġġi AvcvZ K^αúv $\frac{1}{4}$ _____|
- (a) cġKZ K^αúv $\frac{1}{4}$ i PvBġZ tenk
 - (b) Amxg
 - (c) cġKZ K^αúv $\frac{1}{4}$ i PvBġZ Kg
 - (d) cġKZ K^αúv $\frac{1}{4}$ i Aġa^α
- 35| wbtġie tKvbwU mwVK bq ?
- (a) tkvY kw³ = Awfme^αYK Pvc + ūmwZ Pvc
 - (b) gġji wecvKxq w^αqvi dtj RvBġjg wUmyi U^αwKqvtZ th Pvġci mwó nq ZvġK w $\bar{α}$ -tġb tnj i^αU tġġvi etj
 - (c) cw^α enb KivB RvBġj ġi cġvb KivR
 - (d) GKerRcġx D^αw^α Kivġġivg m^αúY^αġc Abġcw^αZ \bar{v} tK

- 36| wbtġie tKvbwU wbDwKq wġDkvb we^αqvi Rb^α mwVK ?
- (a) i^αaycigvY \bar{v} bvšġ NġU
 - (b) AbeiZ PjġZ \bar{v} tK
 - (c) KivP cvġġ tU $\bar{α}$ wUDġe NU^αtv hvq
 - (d) we^αqvi wġqšY Kiv m^αe nq bv
- 37| cġvY ZxeZv t $\bar{α}$ K 10 \bar{v} Y ZxeZv m^αúbetKvb kġi ZxeZvi cwi gvY wbtġie tKvbwU ?
- (a) 2 tWmġej
 - (b) 2 tej
 - (c) 1 tWmġej
 - (d) 1 tej
- 38| tgmNj Avgġj cġ^αwkK ivRavxi t^αlqvbx l tġŠR^αvix gvġvi w^αúwġKvix cġvb wePvicwZi Dcwa wbtġie tKvbwU wġj ?
- (a) KvRxDj K^αRvZ
 - (b) KvRx
 - (c) dZqvtq Avj gwWvi
 - (d) g^αvi g l j gv
- 39| Which of the following pair contain correct Bangla meaning?
- (a) Drone: w^αg^αtj vK
 - (b) Dromedary: nvm^αKi
 - (c) Droll: GK K^αRl qj v DU
 - (d) Dropsy: avZġj
- 40| wbtġie tKvbwU w^αġ FvBivm MwZ ?
- (a) tġġU^αb Ges wj w^αW
 - (b) tġġU^αb Ges wbDwKk GumW
 - (c) wj w^αW Ges wbDwKk GumW
 - (d) gvġ wbDwKk GumW
- 41| cġq m^αúY^αA $\bar{α}$ ġj w^αcw^αum^αY ġj j^αmġi KsKvj 1974 mvġj wbtġie tKvb t^αġk Awe^αKZ nq ?
- (a) Bw^αl w^αqvi
 - (b) ZvbġRv^αqvi
 - (c) tKv^αqvi
 - (d) Bvi wġ qv

42| Which of the following underlined preposition is correct?

- (a) I cannot accede in your request.
- (b) He is absorbed on thought.
- (c) I am acquainted from him.
- (d) He acquiesced in the proposal.

43| GBWm wbtgje tkvb fvBivm w tq msNWJZ nq ?

- (a) TMV
- (b) HIV
- (c) CD₄
- (d) Vaccinia

44| wbtgje tkvb wepμqvi Zwor FYvZK gj K Acmmi Z ntqtQ ?

- (a) $CuSO_4(aq) + Zn(s) \rightarrow Cu(s) + ZnSO_4(aq)$
- (b) $2FeCl_3(aq) + SnCl_2(aq) \rightarrow 2FeCl_2(aq) + SnCl_4$
- (c) $CuO(s) + C(s) \rightarrow Cu(s) + CO(g)$
- (d) $Cl_2(g) + 2Na(s) \rightarrow 2NaCl(g)$

45| tkvb KōKvqvi GKK tñĪdj t_tK cōZ tmktū weKvY^oZvtci cni gnY Gi cig ZvcgvĪvi PZL^oNvtZi mgvbcwZK | GwU wbtgje tkvb mĪ ?

- (a) fxtbi miY
- (b) t ÷ dlv - tevRg^{vb}
- (c) wDUtbi kvZj xkiY
- (d) cĀg-kw³

46| Which of the following pair contain correct simple past of that verb?

Infinitive	Simple Past
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- | | |
|-----------|--------|
| (a) arise | arisen |
| (b) draw | drawn |
| (c) fall | fallen |
| (d) know | knew |

47| wbtæi tkvbwU ci ūti i mt½ mvgĀm^ocY^obq ?

- | | |
|-----------------------------|---------------------|
| wbtĪtki AvtM | wbtĪtki cti |
| (a) G· vBb | tU ÷ v |
| (b) wW ^o K bij x | c ^o ñmUv |
| (c) Mfñkq | dj |
| (d) wW ^o Yy | exR |

48| Cl₂O₇ thštMi Cl Gi RviY msL^v wbtgje tkvbwU ?

- (a) -9
- (b) +7
- (c) +9
- (d) -7

49| wbtgje tkvbwU t^{-j} vi iwK ?

- (a) fi teM
- (b) teM
- (c) Zwor cōej^o
- (d) Zwor wefe

50| wbtgje tkvbwU t^{-j} M^vtgtUvdvBtUi Ask bq ?

- (a) wW^oYy
- (b) Mfñš_i
- (c) mnKvi x tkvi
- (d) cōZcv^o tkvi

51| 5g tdivm mvj tdukt m^oúY^oñc Rwi Z Ki tZ wbtgje KZ Mōg KMnO₄ cōqvRb nte ?

- (a) 4.02
- (b) 4.01
- (c) 1.04
- (d) 2.04

52| ūk^oKvY hw^o m² tkvY nq Zte wbtgje tkvb ^oenkō^o mwWK bq ?

- (a) tKškk btj Zi tj i cōt^o k AeZj nte
- (b) tKškk btj Zi tj i Aetñc nq
- (c) Zij wU btj i MvĪ ūk^oKi te bv
- (d) tkvtñmf ej , GWtñmf etj i PvBtZ eo nq

53| wbtgje tkvbwU kixti AYc^oenkZ RxeYtK aYsm Kivi cōμqv ?

- (a) wctbvrvBtUwmm
- (b) d^ovñmrvBtUwmm
- (c) AtUvj vBwmm
- (d) AtUvd^owM

54| AvqubK thštMi Rb" wbtgë tKvbuU mWVK bq ?

- (a) ùtUbrsk Lp teuk
- (b) KwWb Ae"vq ùuUkVki
- (c) ùuUkmgñ f½j
- (d) wepμqvi Muz gšf

55| wbtgë tKvbuU mešPtq ¶jz" mij tçUub ?

- (a) Gj eygb
- (b) tMweDwj b
- (c) tçUj vugb
- (d) tçUvugb

56| B_vbšWwqK GmW WvB tmwWvqg mšëi AvweK fi wbtgë tKvbuU ?

- (a) 154
- (b) 144
- (c) 134
- (d) 124

57| wbtgë tKvbuU A"wgšbv GmšWi KvR bq ?

- (a) Avgl mštkHY Kiv
- (b) BDwi qv ^Zwi šZ mrvqZv Kiv
- (c) vMwštvj ^Zwi šZ mrvqZv Kiv
- (d) t`n MVšb mrvh" Kiv

58| šj mštkšZi Rb" wbtgë tKvbuU mWVK ?

- (a) cigvYj cKZ mSL"v cKvk Kti
- (b) thštMi šj mštkZ _vtK bv
- (c) i'aythštMi Rb"
- (d) thšM I tgšj Dftqi Rb" cšhvR"

59| ðivó" ebrg tkL gwRej ingvb I Ab"vb"ó GB gvgj v t_šK 1969 mšj wbtgë tKvb Zwi šL cwiK"vbx mi Kvi e½eUšK gwš t`b ?

- (a) 22 gwP©
- (b) 22 tde"qwi
- (c) 22 Gwçj
- (d) 22 Rvbpwi

60| Which of the following pair contain correct synonym?

- (a) plan: platform
- (b) possibility: viable
- (c) powerful: leverage
- (d) practise: hands-on

61| wbtgë tKvbuU mhšj všKi kw³ e"envi Kti ADP Ges A%Re dmtšUi mgššq ATP mšó Kivi cšμqv ?

- (a) mštv vKmsškHY
- (b) dšUvdmtšdvi vBšj kb
- (c) dšUv mš÷g
- (d) Av šWwšF dmtšdvi vBšj kb

62| wbtgë tKvbuU mWVK bq ?

- (a) msKi avZi^Zwi i Rb" wšij Kb e"ëÜZ nq
- (b) fZšK tKvqvUR wšij Kv ewj i šc we"gyb
- (c) wšij Kb Pxc KwšúDUvi ^Zwi šZ e"envi nq
- (d) wei x wšij Kb cš"vZšZ vgt_b M"vm cšqvRb nq

63| wbtgë tKvbuU kb"všbi Rb" cšhvR" ?

- mgvb avi KšZj 4u avi šKi mgvšivj mgešq _vKvKvj xb Zj" avi KZ; tkYxex mgešq _vKvKvj xb Zj" avi KšZj _____ šY|
- (a) 2/3
 - (b) 1/16
 - (c) 1/3
 - (d) 1/2

64| weL"vZ mšvrvwZ"K gvK©tUvšqšbi Avmj bvg wbtgë tKvbuU ?

- (a) m"vgšqj j"vMni b tKšgbm
- (b) Pvj š I šq÷vi
- (c) Ug mvl qvi
- (d) tRgm KwK©g"v I šqj

88| GKwU nvBtWtRb cigvYj w-i Kqct_ Aew-Z Btj KUtbi wefe kw³ Ges MwZkw³ h_vmtg Ep Ges Ek, Gt i AbcyZ wbtg^e tKvbwU ?

- (a) 1
- (b) -2
- (c) 2
- (d) -1

89| wbtg^e tKvb tmZwU cU_g Xvj vB tj vrv w`tq `Zwi nq ?

- (a) Avqi b etR
- (b) w`tdv_@etR
- (c) nvefi etR
- (d) AvKwk KvBwKI

90| Which of the following sentence uses 'right' word as an adjective?

- (a) It is a matter of right.
- (b) It is such a fault that will right itself.
- (c) He is the right man for the job.
- (d) Serve him right.

91| wbtg^e tKvbwU u`wctEi mstKvPtbi kw³tK evovq ?

- (a) GWti bwj b
- (b) c`viv_ni tgvb
- (c) Bbmjwj b
- (d) tfMwm

92| B_vti i Rb` wbtg^e tKvbwU mwVK bq ?

- (a) UvUv/4 -240°C
- (b) cwvb Atcqiv nvj Kv
- (c) tPZbv bvk Kti
- (d) cwbtZ `eYxq

93| 1 Avtj vK etl P gvb (m) wbtg^e tKvbwU ?

- (a) 9.46×10^{12}
- (b) 9.46×10^{15}
- (c) 3×10^8
- (d) 2.628×10^{12}

94| wbtg^e tKvb mvtj wZxq wekhtx i mgq BUwj qvb l Rvgfb ewmbx weWUk Awafj³ DEi AwvdKv Avmgy Kti ?

- (a) 1941
- (b) 1940
- (c) 1942
- (d) 1943

95| Which of the following sentence uses 'what' as an interrogative adjective?

- (a) What do you want?
- (b) What book do you want?
- (c) Give me what you can.
- (d) What! You don't mean to say so?

96| wbtg^e tKvbwU cwRgv tclwU bq ?

- (a) Avj eygb
- (b) tclwU_wvb
- (c) wchwtbvtRb
- (d) UvBti wmb

97| wbtg^e tKvb cixqivi mgq tU÷ wUDtei Zjvq Cu₂O Gi jvj njy Aattqic cto ?

- (a) FeCl₃ `eY cixqiv
- (b) NaHCO₃ `eY cixqiv
- (c) wj Ugvn cixqiv
- (d) tclwj sm `eY cixqiv

98| wbtæi tKvb Z_wU mwVK bq ?

- (a) Avj dv iwkf wR/4 mvj dvBW A_ev tewi qvg cwbtbmvqvbwBW c`eq cZcFv mwó Kti
- (c) Mrgv KYvi w-i fi 9.1×10^{-31} Kg
- (d) dtUvMwdK tclwU weUv iwkvi cZwvqv nq

99| wbtg^e KvK Mdkti i dvlwUj wJi t`ex aiv nq ?

- (a) AvRtUK
- (b) Avi tUvgm
- (c) wmti m
- (d) GwUm

100| Which of the following sentence is correct?

- (a) He is casting off for an opportunity.
- (b) He cast about his shoes.
- (c) A drowning man catches up a straw.
- (d) India is trying to catch up with the advanced countries.

weMZ eQti i tgwWïKj ctkæ DËi cÎ

2009Ñ2010

1.	c	21.	b	41.	a	61.	b	81.	d
2.	b	22.	b	42.	d	62.	a	82.	b
3.	d	23.	b	43.	b	63.	Blank	83.	a
4.	d	24.	b	44.	a	64.	d	84.	a
5.	d	25.	b	45.	b	65.	b	85.	b
6.	a	26.	b	46.	d	66.	a	86.	c
7.	b	27.	c	47.	d	67.	c	87.	a
8.	b	28.	c	48.	b	68.	d	88.	b
9.	a	29.	a	49.	d	69.	a	89.	a
10.	d	30.	a	50.	b	70.	d	90.	c
11.	d	31.	a	51.	c	71.	a	91.	a
12.	a	32.	d	52.	a	72.	d	92.	a
13.	a	33.	c	53.	b	73.	a	93.	b
14.	c	34.	a	54.	d	74.	b	94.	c
15.	a	35.	a	55.	d	75.	b	95.	b
16.	b	36.	d	56.	c	76.	c	96.	d
17.	c	37.	d	57.	c	77.	b	97.	d
18.	a	38.	b	58.	c	78.	c	98.	c
19.	Blank	39.	a	59.	c	79.	b	99.	c
20.	b	40.	b	60.	d	80.	b	100.	d

- 14| DĒi t (c)
e"vL"v t i ex`bv_ VvKi KvTj i hvT v bUkUw myfvI P>`emT K DrmM^Kti tQb|
- 15| DĒi t (a)
e"vL"v t (a) nj complex, emK me compound. If w`tq`i i" etj complex.
- 16| DĒi t (b)
e"vL"v t Bwi t_ tmvBilUK PpUUtZB RxerYy i 3 i tm Avtm Ges tmB Kvi tYB Rti i j Y cKvk cvq| Avi evKx (c) l (d) nj tncwUK Ptmi tkYmfivM|
- 17| DĒi t (c)
e"vL"v t wntgvMmetbi mvt_ Av tRb hj3 ntj Zv nq Av wntgvMweb| CO₂ ntj Kvefvtbv wntgvMweb| cvRgv tclUtbi mvt_ CO₂ Gi wemqvcq Kvefvtbv tclUb `Zwi nq|
- 18| DĒi t (a)
e"vL"v t BDwi qv `Zwi i mgq wZvb Pb(CNO)₂ e"envi Kti b|
- 19| DĒi t (Blank)
e"vL"v t DĒi t bB| tKbbv ex`tKi tPtq etj tUi fi tenk|
- 20| DĒi t (b)
e"vL"v t fimgvb ckfv nj 11 l 12Zg| tgj vtUwbb wvR`tq _vtK|
- 21| DĒi t (b)
e"vL"v t bwi tKj tZj e"euZ nq|
- 22| DĒi t (b)
e"vL"v t f` woi Rb AeZj , `xN` woi Rb DĒj e"envi Kti |
- 23| DĒi t (b)
e"vL"v t evg-Avj >`-wbj q wQ` agtL gvBUtj KcwiUKv Aew`Z| gvBUtj KcwiUKv nj evBKv mvcW KcwiUKv|
- 24| DĒi t (b)
e"vL"v t tUwi wj b Drcv` tbi mgq Bw_wj b MvBKj c`qvRb|
- 25| DĒi t (b)
e"vL"v t l tqevi nj tPŠ`Kxq dhw` Gi GKK| tUmj v nj tPŠ`K t`tt i GKK|
- 26| DĒi t (b) t` l qvUv Safe|
e"vL"v t tKbbv Bnv universal truth.
- 27| DĒi t (c)
e"vL"v t wbj tqi Wvqv t ÷ vtj mgq j v tM .5 sec | wbj tqi wnt ÷ vtj mgq j v tM .3 sec |
Avj t` i Wvqv t ÷ vtj mgq j v tM 0.7 sec | wbj tqi wnt ÷ vtj mgq j v tM - .1 sec |
- 28| DĒi t (c)
e"vL"v t (a) tZ have (b) tZ who (d) tZ see (ntē seen).
- 29| DĒi t (a)
e"vL"v t wnt ÷ wj K l Wvqv t ÷ wj K tclnti cv_ R` tK etj cvj m tclnti |
- 30| DĒi t (a)
e"vL"v t Bw_wj b w`tq cvj w_b Z_v cww` K `Zwi nq|

31| DĒi t (a)

$$e\ddot{v}L\ddot{v}t \frac{V}{H} = \tan \delta \Rightarrow V = H \tan \delta \Rightarrow V = 30 \tan 60 = 51.96\mu T.$$

32| DĒi t (d)

e\ddot{v}L\ddot{v}t R\ddot{x}ei ewn\ddot{K} j \ddot{q}l\ddot{Y}t\ddot{K} e\ddot{t}j t\ddot{d}t\ddot{b}v\ddot{U}v\ddot{B}c, Af\ddot{S}i\ddot{x}Y (t\ddot{K}v\ddot{l}x\ddot{q}) nj w\ddot{R}t\ddot{b}v\ddot{U}v\ddot{B}c |

33| DĒi t (c)

e\ddot{v}L\ddot{v}t A\ddot{t}\ddot{q}i\ddot{w}K |

34| DĒi t (a)

$$e\ddot{v}L\ddot{v}t t\ddot{k}t\ddot{Z}v\ddot{w}i\ddot{f}i\ddot{l} k\ddot{a} Z\ddot{i}\frac{1}{2} Z\ddot{v}i\ddot{w}t\ddot{K} M\ddot{w}Z\ddot{k}j\ddot{n}t\ddot{j} f' = \frac{v}{v - u_s} f.$$

35| DĒi t (a)

e\ddot{v}L\ddot{v}t t\ddot{k}v\ddot{l}Y\ddot{k}w\ddot{3} \neq Aw\ddot{f}m\ddot{e}w\ddot{Y}K P\ddot{v}c + \ddot{U}w\ddot{Z} P\ddot{v}c | ew\ddot{K} me\ddot{,}t\ddot{j}v\ddot{m}w\ddot{K} |

36| DĒi t (d)

e\ddot{v}L\ddot{v}t w\ddot{d}D\ddot{k}v\ddot{b} nj \ddot{y}U\ddot{w}b\ddot{D}w\ddot{K}e\ddot{q}t\ddot{m}i\ddot{h}y\ddot{3} n\ddot{l}q\ddot{v}h\ddot{v}G\ddot{K}e\ddot{v}i\ddot{i}i\ddot{''}n\ddot{t}j\ddot{w}d\ddot{k}v\ddot{t}b\ddot{i}g\ddot{Z}w\ddot{b}q\ddot{S}y\ddot{K}i\ddot{v}m\ddot{a}e\ddot{n}q\ddot{b}v |

37| DĒi t (d)

$$e\ddot{v}L\ddot{v}t \Delta B = \log \frac{10I_0}{I_0} = \log 10 = 1 \text{ Bel} |$$

38| DĒi t (b)

e\ddot{v}L\ddot{v}t c\ddot{a}v\ddot{b}w\ddot{e}P\ddot{v}i\ddot{c}w\ddot{Z}t\ddot{K}K\ddot{v}R\ddot{x}ej\ddot{v}n\ddot{q} |

39| DĒi t (a)

e\ddot{v}L\ddot{v}t Drone A\ddot{,}h\ddot{j} Aj\ddot{m}e\ddot{v}w\ddot{b}e\ddot{g}v\ddot{t}j\ddot{v}K |

40| DĒi t (b)

e\ddot{v}L\ddot{v}t f\ddot{i}B\ddot{i}v\ddot{m}G\ddot{A}e\ddot{k}B\ddot{t}c\ddot{w}U\ddot{b}l\ddot{w}b\ddot{D}w\ddot{K}K\ddot{G}i\ddot{m}W\ddot{,}v\ddot{K}t\ddot{e}, Z\ddot{v}DNA/RNA\ddot{n}t\ddot{Z}c\ddot{v}t\ddot{i}, w\ddot{K}S\ddot{'}G\ddot{y}U\ddot{A}e\ddot{k}B\ddot{,}v\ddot{K}t\ddot{e} |

41| DĒi t (a)

e\ddot{v}L\ddot{v}t j\ddot{y}m\ddot{n}j\ddot{c}l\ddot{g}g\ddot{v}b\ddot{l} (w\ddot{e}e\ddot{Z}t\ddot{b}i\ddot{m}f\ddot{A}b\ddot{h}v\ddot{q}x), Ges\ddot{Z}v\ddot{i}Ks\ddot{K}v\ddot{j}B\ddot{w}l\ddot{w}c\ddot{q}v\ddot{c}v\ddot{l}q\ddot{v}h\ddot{v}q |

42| DĒi t (d)

e\ddot{v}L\ddot{v}t acquiesced in.

43| DĒi t (b)

e\ddot{v}L\ddot{v}t HIV\ddot{b}v\ddot{g}K\ddot{R}NA\ddot{f}i\ddot{B}i\ddot{v}m\ddot{w}t\ddot{q}G\ddot{B}W\ddot{m}t\ddot{i}v\ddot{M}n\ddot{q} | B\ddot{v}n\ddot{g}v\ddot{b}t\ddot{l}i\ddot{t}i\ddot{v}M\ddot{-}c\ddot{w}Z\ddot{t}i\ddot{v}a\ddot{q}l\ddot{g}Z\ddot{v}b\ddot{o}K\ddot{t}i\ddot{t}q |

44| DĒi t (a)

e\ddot{v}L\ddot{v}t t\ddot{K}b\ddot{b}v\ddot{t}K\ddot{e}j\ddot{g}v\ddot{l}G\ddot{t}Z\ddot{B}g\ddot{j}K\ddot{A}v\ddot{t}Q | (SO\ddot{4}^{2-}g\ddot{j}K |)

45| DĒi t (b)

$$e\ddot{v}L\ddot{v}t t\ddot{d}v\ddot{b}\text{-}t\ddot{e}j\ddot{R}g\ddot{v}b\ddot{m}f\ddot{n}j E = Ae^{-\delta T^4}.$$

46| DĒi t (d)

e\ddot{v}L\ddot{v}t Know\ddot{G}i\ddot{S}imple\ddot{p}ast\ddot{n}t\ddot{j}v\ddot{k}new.

47| DĒi t (d)

e\ddot{v}L\ddot{v}t w\ddot{w}e\ddot{y}y\ddot{n}t\ddot{Z}a\ddot{y}z\ddot{w}i\ddot{n}q |

48| DĒi t (b)

$$e\ddot{v}L\ddot{v}t\ 2 \times x + 7(-2) = 0 \Rightarrow 2x + 14 \Rightarrow x = 7.$$

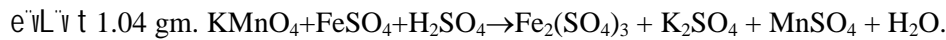
49| DĒi t (d)

e\ddot{v}L\ddot{v}t\ Ziŋor wefe ev Voltage nj t\j vi i vnk, evnk wZbwJ tF±i |

50| DĒi t (b)

e\ddot{v}L\ddot{v}t\ Mfñšj ħ M'vgtUvdvBtUi Ask bv |

51| DĒi t (c)



52| DĒi t (a)

e\ddot{v}L\ddot{v}t\ Ziŋi Aatŋc nq Ges cōt`k AeZj nq | ūkŋKvY ħj ntj Ziŋi Aatŋc nq | cōt`k DĒj nq |

53| DĒi t (b)

e\ddot{v}L\ddot{v}t\ d\ddot{v}MvmbtUvmm cōŋuq AbcŋekZ RxeYtK tkZ i³ KwYKv Lvq |

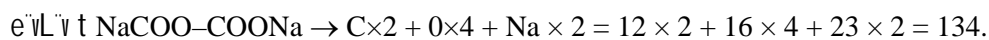
54| DĒi t (d)

e\ddot{v}L\ddot{v}t\ AvqubK thšM weŋuq AZ`š`ZZvi mwnZ Kti ūtK | evnk `ewkó` mwVK |

55| DĒi t (d)

e\ddot{v}L\ddot{v}t\ tcŋUwgb nj Rŋei mePvBtZ ŋj`ami j tcŋUj |

56| DĒi t (c)



57| DĒi t (c)

e\ddot{v}L\ddot{v}t\ wMwŋi vj nj wMwŋi b | Bnv `Zwi Guŋtbn GwŋtWi KvR bq | Bnv mvebvqŋbi mgq `Zwi nq |

58| DĒi t (c)

e\ddot{v}L\ddot{v}t\ ħj mstKZ tKej thštMi tŋtŋB cŋhvR |

59| DĒi t (c)

e\ddot{v}L\ddot{v}t\ 22 Gwŋj |

60| DĒi t (d)

e\ddot{v}L\ddot{v}t\ practise → hands on.

61| DĒi t (b)

e\ddot{v}L\ddot{v}t\ ADP ntZ ATP %Zwi tK (mvŋ vK) dŋUvdmtdivvBtj kb etj |

62| DĒi t (a)

e\ddot{v}L\ddot{v}t\ wmwj Kb AavZweavq msKi avZi`Zwi KiŋZ cvŋi bv |

63| DĒi t (Blank)

$$e\ddot{v}L\ddot{v}t\ DĒi\ \text{fbB} | DĒi\ \text{nj}\ t\ \frac{4c}{\frac{c}{4}} = 16\ \text{Y}$$

64| DĒi t (d)

e\ddot{v}L\ddot{v}t\ tRgm KwKŋv` I tŋj |

65| DĒi t (b)

e\ddot{v}L\ddot{v}t\ loving-CŋZ |

