- What prompts some of the most important cultural changes?
  - A. economic activity
  - B. non material aspects
  - C. other cultural elements
  - D. exploitation of the environment
- 2. Which of the following would prompt high rate of cultural change?
  - A. discovery, invention and controlling diffusion
  - B. discovery, invention and embracing other cultures
  - C. discovery, invention and joining the United Nations
  - D. discovery, invention and selective embracement of other cultures
- 3. What does the word 'censorship' mean?
  - A. assent
  - B. critique
  - C. forbiddance
  - D. acquiescence
- 4. Under which social process would 'finding a cure to cancer' fall?
  - A. diffusion
  - B. invention
  - C. discovery
  - D. economic activity
- 5. Which of the following statements best shows that we are not prisoners of our culture?
  - Human beings create, sustain and change culture.
  - Human creativity and imagination can change culture.
  - Culture merely sets limits but does not control human beings.
  - Collectively, human beings have the power to change culture.

#### Part II: Grammar

6.	Choos	se the question that best fits the following response.
	'Just a	bit.'
	A.	Is it as cold in Thimphu?
	B.	When will you be back?
	C.	Do you like your college?
	D,	Are you feeling homesick?
7.	Choos	e the word that best completes the sentence.
	An ac	tive worker requires more calories than a one.
	A.	sedentary
	B.	laborious
	C.	lethargic
	D.	mobile
8.	Choo	se the word that best completes the sentence.
0.	Pleast	
	ricas	ine is
	A.	divine
	B.	spiritual
	C.	perpetual
	D.	ephemeral
423.0		the completes the centence
9.	Choo	se the word that correctly completes the sentence. sharks, whales and dolphins are warm blooded mammals.
	1139	sharks, whales and dolphins are warm blooded
	A.	Like
	B.	Alike
	C.	Unlike
O.	D.	Dislike
	d'	se the word that correctly completes the sentence.
10.		by evening if we hadn't taken the last bus.
AL.	We_	by evening it we man -
	Α.	will have arrived
	В.	must have arrived
-4	THE A VIEW	could have arrived
	C	ought to have arrived
	D.	ought to have arrived Page 3 of 36
	LTICAL	

11. \	Which word correctly completes the	sentence?
1	heir personal differences did not	them from being mutually polite.
-1		
- 72	allow	
В		
C		
D	. circumvent	
12 W	hich word correctly completes the s	cnience?
		me stories he had read in a book from the library.
	ie news was cerny or me on	ne stories he had read in a book from the house
Α.	poignant	
B.	nostalgic	
C.	reminiscent	
D.	provocative	
13. W	hich word correctly completes the s	entence?
	his upcoming speech, the Prime Mi	
A.	elude	
B.	illude	
C.	allude	
D.	accrue	
	ich word correctly completes the s	
Spo	rtsmen do like to drink and party a dedication to training is commend	nd are not always moral, but their discipline
and	dedication to training is commend	aoic.
A.	elites	
B.	paragons	
C.	charlatans	
D.	manifestations	
15. Wha	t is the instruction that is added la	ter to a will called?
A.	rider	
В.	codicil	
C.	postscript	
	Popularity	

D.

addendum

#### Part IV: Synonyms

- 16. Choose the word that is closest in meaning to the underlined word in the sentence.
  For an <u>amateur</u> photographer, these are very good pictures.
  - A. naïve
  - B. expert
  - C. novice
  - D. professional
- 17. Choose the word that is closest in meaning to the underlined word in the sentence.
  The measures suggested to cut costs and increase profits are quixotic.
  - A. wise
  - B. bold
  - C. pragmatic
  - D. impractical
- 18. Choose the word that is closest in meaning to the underlined word in the sentence.
  The moral dilemmas being raised are beyond the <u>purview</u> of this book.
  - A. scope
  - B. control
  - C. limitation
  - D. cognizance
- 19. Choose the word that is closest in meaning to the underlined word in the sentence.
  In certain trades it is easier to work with <u>pliable</u> metals.
  - A. pliant
  - B. brittle
  - C. fragile
  - D. unyielding
- 20. Choose the word that is closest in meaning to the underlined word in the sentence.
  It is not easy for businesses to <u>hoodwink</u> their customers.
  - A. baffle
  - B. attract
  - C. desert
  - D. swindle

#### Part V: Antonyms

- Choose the phrase that means the opposite of the underlined word in the sentence.
   Unfortunately, most novelists today do not see the need to write a prologue.
  - A. prelude
  - B. epilogue
  - C. preamble
  - D. exordium
- 22. Choose the word that means the opposite of the underlined word in the sentence. Science has yet to arrest the growth of <u>malignant</u> cells and tumours.
  - A. benign
  - B. anodyne
  - C. nonfafal
  - D. benignant
- 23. Choose the word that means the opposite of the underlined word in the sentence.
  The divers toiled for weeks in water so <u>turbid</u> that they had to work more by touch than sight.
  - A. calm
  - B. lucid
  - C. rugged
  - D. pellucid
- 24. Choose the word that means the opposite of the underlined word in the question.
  The hunter's arrow did not enervate the deer enough to slow him down during the chase.
  - A. exit
  - B. arouse
  - C. fortify
  - D. debilitate
- 25. Choose the word that means the opposite of the underlined word in the question.
  You may view just the story, the whole page or a <u>facsimile</u> of the page.
  - A. fax
  - B. original
  - C. transcript
  - D. counterfeit

४०- विदिन्त्रीकालिकानक्षित्रेटः विकायद्वित्त्वाक्षेत्रः मिकाविन्द्रम्भूरामिन्द्रित्तः विद्युत्रित्वा

ग- मि.अ.मू.रेट.मी.श्ट मी.श्रेम. चाडुमा.मी.स.मीडुमा.सी. क.स्मास.पचर.मु.पी.चर्चमा.से.म

प- श्र.स्र-१ अ.क्ट्र-क्.ज. विवर्त्त्रामा ज्यामा न्यामा न्यामा न्यामा न्यामा न्यामा न्यामा न्यामा न्यामा न्यामा

त्र में अष्ट्र तथा वित्र के प्रस्ति । वित्र के प्र

र अश्वीतान्त्रमः मैं अष्ट्रपु में वर्षिट देट. जूबा है. करता ही. वयव शु. पी. चथवा थेव

### इ.न.म े ल.मीयुर्क्स्न न मे इ.न

त्वातित्व्यत्ति व्यत्ति विश्वायः भिवी विश्वेष्ट्रियः विश्वेष्ट

अन- यम्रा वर्नेटी शर्मेटी वर्नेटी इर.वर्.कूचे.क्.....

ये श्रिक्ष वा लावा

IA- र्थ.क्रुवा.कुर्थी

या- श्रुव्यःक्षेत्राःक्षेत्रा

५- ब्रेन्सेन्यसः द्वेषः श्रेवा

वर- र्स्ट्रा च्ड्रममा बी मिया ब्रेस्पवेद्वणार्

ग- इ.क्र्या.लुबा

ra- रुषःक्रेवाःश्रेवा

म- भ्राम क्रम लेवा

5- चेर् सेर त्यम केंग खेता

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### SECTION A: DZONGKHA LANGUAGE

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स्थ-श्रिकाकूबीकाकूबीक्ष्ये, पक्किस्राध्ये क्षाच्या । विद्यान्त्र स्थान्त्र स्थान्त्र

त्रीक्,तत्तर्र्, लूर्ता श्रुवी त्राची त्रीक्, त्राची त्री त्राची त्री त्राची त्री त्राची त्री त्री त्राची त्री त्री त्राची त्री त्राची त्री त्राची त्री त्राची त्री त्राची त्री त्री त्राची त

त्यत्र मुन्द्रम् स्वर्थः क्यात्र स्वर्गः स्वर्गः स्वर्गः स्वर्णः स्वर्णः स्वर्णः स्वर्णः स्वर्णः स्वर्णः स्वर्

रेडि.ज.रेहर्.ट्.चर्डि.त.श्रय. रट्ल्यु.ब्रै.ट्र्ल.ब्र्. हे.जिबाबाबाडुबा.जि.लब्र्ह्ट्जिबाबाबाडुबा इस्ट्र्.चर्डिश.

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विद्यार्त्त्र विद्यान्त्र क्षेत्र स्त्र स्त्र क्षेत्र स्त्र स्त्र क्षेत्र स्त्र स्त्र क्षेत्र स्त्र स्त्र स्त्र क्षेत्र स्त्र स्त्

### इ.मम् व विम्बुन्यक्त मेर्न्ववेवविद्यम

गामगार हे नर्गेर्प्रिये केरक्षर्वर अ. म्यूर्य मालेव के पहेर्गें महेर्में की विकास माने विकास माने

### १८- गॅरमिष्णेगञ्चगश्रवरी

- ग- द्वेनश्चर्राचे में में में स्वाप्त क्षेत्र
- प्रम. सैमानवृक्त्यानशक्त्रस्थि
- मे द्रवा. नक्र सैवाज्ञिताशवृज्या वस्त्र में अ
- ८ वेग्रसम्बद्धिक्तालसङ्ग्रस्तु

४०- म्र्यिक्त्रियर् हेब्रिड्यवेणायविष्यात्री विष्यववायत्रीत्रा

यो- तिजानुवास्य त्यामान्त्र्यास्य स्थान्त्रान्त्रान्त्रः स्थान्त्रः स्थान्त्रः स्थान्त्रः स्थान्त्रः स्थान्त्र

प्त- विदर्भरश्चरः विश्ववाञ्चितःस्वातिःस्वर्भरत् स्वतःवर्षःस्वर्भःस्वर्भः

में क्ष्यानारः वाञ्चवान्त्राक्षान्यान्त्रवात्त्राच्छेव न्त्रां क्ष्यात्तरम्

र- हेब.पज्ञा.की.क्र्य.पर्. प्या.क्रस.द्रग.क्षय.तप्. क्या.बिरम.ज्ञ.त्यूर.व्या

४५- क्षे.जीयानायाड्या.जी.अह्रर.जीयानायाडेला व्रस्थायडे....

ग- र्ज्ञ चेति हैं प छिन्।

प्त- र्डे महत्र में के मार्थित

ग- गर्डर्स्स्टेस्स्म्ब

र- जुर्चास.चन्द्र-क्रुची.क्रुची

४६- ल.रचम.चबर्श्वेर.टेत्र्य.टेट्यचरमा । बुर.शुद्ध्यमानकरे.वर्ट. ह्र्भ.कुव.वर्त्वे.....

ग्- यहुद्रासाक्षेद्रासमा

पा- हेर.चक्चिर.श.लुब.शला

ग- हुगा-अःक्षेद्रःअश

८- चत्रि-सालेद-सम्।

४०- मिल्रिमीश्रास्तवान्वर्श्वरः सवायदेश्यम् हेन्सः मिलायमः दरश्चान्त्रेन्त्वः मित्रस्थः मित्रस्थः मित्रस्थः नि

ग- मि.अष्ट्र.रट्याव्टक्.यादेश. याद्या.यांच्या.वी. याद्या.वी. क.स्यांच्यात्या.वा.वा.वी.वा

पा- श्रास्त्ररात्रेशाक्षराष्ट्रीती. यविरात्रीया ज्ञात्रीयान्यायरश्चातीत्ववतायेत

र् सःश्रीता.चीता. मी.सकूत्र,मी.पर्वट-देट. जूता.हो. करता.ही. परांचा.शु.पी.संबंगा.थेत

## द्रेनामे विमुदिर्श्वरममिद्रम

लब् मा त्रिव स्थाप मुन् वित्ति क्षेत्र प्रति क्षेत्र क्षेत्र प्रति क्षेत्र प्रति क्षेत्र क्

४०- वर्त्रण वर्द्धरो थर्स्स्य वर्धिरो इर.चतु.क्ष्मी.क्........

भ इ.कूब.लुबा भ

म- रुशक्याः श्रेवा

य- श्रुव्यःक्षेत्राःक्षेत्रा

८- ब्रेन्सेन्यमः क्ष्याः भेवा

वर- र्स्ट्रा महस्रमा ला होया बेर-मते हिंगा ह

ग- इ.क्रुब.लुब

ra- रूप:क्रेंग'लेबा

ग- श्रुगःक्रेगःश्रेदा

र- ब्रेन्सेन्यमक्ष्मालेबा

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वंव- क्र्यावटणयाविद्या इर.श्र.पट्ट. द्यार्वे

ग- गश्यामते द्येर पर्हे द्रेशेष्

n- व्यविद्येर्यह्र्प्तित्

ग्र-इग्मित्रिं न्येर महें न्येत्र

र- वर्वन्यतः द्येरः पर्हेदः श्रेवा

ग- गहरा डेरके वर्षेष्र

n- मुय| डेर-शे-पर्ने-लेब्|

ग- भूग बेरकी वर्दे लेवा

5 वडी डेर में वर्दे लेग

वत- क्रुवासायक्रे.की.सेत्राजी. क्रुवा.मेर.इंग्रुवायस्य स्टि.वा.ट्रेश.इ.पंत्रुव.टेश्ना.हुँड

ग- ग्रुवायवेद्रन्व्या

पि-पाद्धेश प्रमुव न मिन किया

ग- गशुअःपचेत्-५र्गेयःश्रेत्।

५- चलि'यमेर-पूर्वाय'खेरा

इ.च.मे र कुर्यालमालुब मु.इ.ना

व्यानि:इ.त.इ.मी. जर्मावु:इ.म्.मूर्माना जर्म्यामा अर्थात्राचा मीना

वण- विन्तिक्षेत्रमायरी वित्तिक्षेत्रमा वर्षात्रीयरी वेराधायरी वित्सवित्

ग- र्ख्नु ग्रेस्थ वर्ने र्वा मुन्नू वर्ने वर्म

ra- वृत्ती भेरम तर्ने मि.स.मावर्त्ता चेरासेवा

म- वृ.मी.खेटबायरी कि.स.सूर्मावरा डेराबेबा

क् बुन्निस्मासेरवर्ने तिस्मान्दर्भ केरलेबा

४०- अधिय तम्या इर नद् हू में मी. हूरे हू में. नर्ज़ रे मू में हु रे

गा- द्वरुषामार्थेषासम्बद्धारवन्नेयायन्तर्म्ना नेरावन्नार्म

u- ट्रम्थल.बोहेल. मुश्रल.शर्विय.पंत्रुण.म.णुबोल.ध्र्य.लूरी वृत्र.पंत्रू.टेब्र्

म- ट्रम्डलामुक्रामध्यावहेलाले हो डेर्म्स्

क्ट ट्यक्स.पोर्डुस.सबिष.एड्रंग.स्वी.जस.सूर्यत.सुषी इंद.त.सू.रे.स्

श्रवःश्नःत्रो, ब्रन्यः विशेष्यतः श्रुषः ह्विरश्चितः द्विरश्चितः विविश्वः स्ट्राव्यः विविश्वः विशेषः विशेषः

ये- ख्रेर. रव.स्य.बुय. स्वाज्य श्रव.रेश ज्रय.स्व.रेब्

u- वे. रेबा.सून.चर्डियात.तर. सूबा.इर. योशेटल.ट्रेन.जयाना इर.खे.टेब्र्

म- व र्मार्स्य पत्निम्य यर् वर्ड्ड व ड्रेस म्यूर्य देश यावाया ड्रेस तुर्ग

र- व डमर्मेशर्स्ट्रस्य वर्डेव डेर बुदेश वम्या डेर बुद्

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द- महिन्द्री ड्रेस् लगा-लेब-तहन-नुर्मे म- महिन्द्री ड्रेस् लगा-लेब-तहन-नुर्मे म- महिन्द्री ड्रेस् लगा-लेब-तहन-नुर्मे म- महिन्द्री ड्रेस् लगा-लेब-तहन-नुर्मे स- महिन्द्री ड्रेस लगा-लेब-तहन-नुर्मे स- महिन्द्री ड्रेस लगा-लेब-तहन-नुर्मे

०- द्वार्यात्वर्था ब्रेस्का व्रस्कात्वर्थाः व्य- वर्ष्वरक्षेत्रः ब्रेस्कात्वरेखाः व्य- वर्ष्वरक्षेत्रः ब्रेस्कावरेखाः व्य- वर्ष्वरक्षेत्रः ब्रेस्कावरेखाः व्य- वर्ष्वरक्षेत्रः ब्रेस्कावरेखाः व्य- वर्ष्वरक्षेत्रः ब्रेस्कावरेखाः द्व- वर्ष्वरक्षेत्रः वर्षेत्रः वर्वेत्रः वर्षेत्रः वर्षेत्रः वर्षेत्रः वर्षेत्रः वर्वेत्रः वर्षेत्रः वर्वेते वर्षेत्रः वर्येत्रः वर्वेत्रः वर्षेत्रः वर्वेत्रः वर्षेत्रः वर्षेत्रः वर्वेत्रः वर्षेत्रः वर्षेत्रः वर्षेत्रः वर्वेत्रः वर्वेत्रः वर्षेत्रः वर्वेत्रः वर्वेत्

## इ.न.र रे ब्यामस्यायम्ब्रीचेप्रहान

र- प्रणामाञ्चम् न्राम्युष्यः स्थानः स्यानः स्थानः स्यानः स्थानः स्थानः

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्र- हे.श.जश.ल्ट्.तपु.धर. टे.स्ट्र-त्यर. जुब्बस.सूश.वर्क्स) इर.श्र.वर्ट्-लुथी
व- हे.श.जश.ल्ट्र-तपु.धर. हेट.श्रेज.र. श्रु.ट्बेश.वर्क्स) इर.श्र.वर्ट्-लुथी
व- श्रेब.चर्चज.कु.श्रेब.चर्चला इर.श्र.वर्ट्-लुथी
व- श्रेब.चर्चल.कु.श्रेब.चर्चला इर.श्र.वर्ट्-लुथी
व- क्.स्ट्र-तप्त्र्यी इर.श्र.वर्ट-लुथी

व्य- अर्थेट्र्यूण बेर्-विरक्षण विर्वाण विरक्षण विष्ठण विरक्षण विरक्षण विष्ण विष्ण विष्ण विष्ण विष्ण विष्ण विष्ण विष्ण विष्ण विष्

००- वस्त्रास्त्रम् बेर्-विद्श्लिष्ठा

य- दुन्न-विद्श्लिष्ठा

य- दुन्न-विद्श्लिष्ठा

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य- दुन्न-विद्श्लिष्ठा

य- दुन्न-विद्श्लिष्ठा

व- दुन्न-विद्श्लिष्ठा

व- दुन्न-विद्श्लिष्ठा

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ल्य- सर्म्यया इर्यायुक्तामी, द्रम्यायम, प्रायम्युर्भामी

गा- व्यायप्त्राज्याच्या चेरकीत्री क्षेत्र

म- शेशसासुःसीःसी बेरासीःपदीःखेत्।

म-अर-विदःशंभवा ड्रेर-धु-पद्-लिव

र- वस्रयम्यवारम् वर्म्यायर्भे

# इ.च.क्री तबालाश्चरतम् वेदाइ.वा

en- सर्थ.शंत्रश्च इर.चयु.यचात.श्चर

ग- यदःशेयया चेरःशेवा

प- विश्वकार्मभया इर.क्षरी

ग- गर्हेट खेळवा बेर जित्

ट- हैं खेखबा डेर लेबा

७०- वित्रसः ह्रेमी.मी.प्रमाण.श्रटः प्राप्तययः कुर्मुश्रा

ग- विम्यायदेवी चेरालेवी

क्ष मर्वेर सुर्ग डेर भेवा

म- विनयः खेव। बेर खेव।

र- विवशःहरी इराधवी

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र- भियःयभिर्या च्रमःश्रुथी

य- सूर्याक्षा च्रमःश्रुथी

य- सूर्याक्षा च्रमःश्रुथी

य- भुर्याक्षा च्रमःश्रुथी

र- भियःश्रुमा च्रम्यदःश्रुषाःमा वर्षाणःश्रमः

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प०- र्से.तर्स्य इंस्.श्र.वर्द्यः अवी

प- र्से.तर्स्य इंस्.श्र.वर्द्यः अवी

प- र्से.तर्स्य इंस्.वर्द्यः अवी

प- र्से.तर्स्य इंस्.वर्द्यः अवी

र- वर्ष्याश्रामा इंस्.श्र.वर्द्यः अवी

र- वर्ष्याश्रामा इंस्.श्र.वर्द्यः अवी

र- वर्ष्याश्रामा इंस्.श्र.वर्द्यः अवी

200000

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#### SECTION C: PROBLEM SOLVING

- 51. Ap Dorji has 57 decimals of wet land and 3 times as many dry land. How many decimals of land does he have?
  - A. 228 decimals
  - B 171 decimals
  - C. 60 decimals
  - D. 110 decimals
- 52. In olden days, people used the following exchange rate.

1 Betam (Tibetan coin) = 50 drey (unit of measurement) of rice

2 drey of rice = 8 drey of wheat

100 drey of wheat = 1 horse

How many Betam equal 1 horse?

A.1

B. 1/2

C. 2

D. 21/2

53. If SOAP is represented as 2549, HAIR is represented as 3456 and PREACH is represented as 961473, which of the following represents RESEARCH?

1 - 5 days

- A. 21497316
- B 61214673
- C. 61121467
- D. 45612146
- 54. Yongba is 30 years older than his youngest daughter. In 17 years, he will be twice I daughter's age. What is the age of daughter at present?
  - A. 15
  - B. 17
  - C. 11
  - D. 13

55. Kado, Chado and Nado are good friends in the village. One day, Kado on his way to village found a basket with some apples. He took it to their playing field and divided all apples into three equal portions. He took away his share and left. Chado came later to the same spot and saw two equal portions of apples. He mixed them and divided into three equal portions but there was one extra apple left. He took the extra apple along with his own portion. After sometime, Nado arrived at the spot and took away all the apples.

When all of them met in the evening, to their surprise all of them got equal number of apples. What is the total number of apples in the basket?

A. 15

B. 9

C. 6

D. 21

56. The following sentence is jumbled up and incorrect. Rearrange parts of the sentences labeled as A, B, C, D to produce a correct sentence. Choose the proper sequence accordingly.

an increasing share of rural employment

improving the business environment

A

which accounts for can spur development of rural nonfarm economy

C

D

The correct sequence should be

A. ADCB

B. BCDA

C. DACB

D. BDCA

57. Phuntsho, Sonam, Karma, Dorji and Pema can be scheduled for a medical checkup at hospital in a week from Monday to Friday. But only one candidate can be examined on each day. Tuesday is Karma's bad day and so he cannot be scheduled on Tuesday. Dorji is available only on Tuesday. Sonam has to be scheduled immediately after the day of Karma and Pema has to be scheduled immediately before the day of Karma.

Who is scheduled for medical checkup on Monday?

- A Phuntsho
- B. Karma
- C. Sonam
- D. Pema

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- 58. At the archery contest of 28 players in total, each archer gets 12 rounds to play within the allocated hours of play time. If the number of players increases to 32, how many rounds can each archer play within the same hours of play time?
  - A. 10.5
  - B. 11.5
  - C. 12.5
  - D. 11
- 59. At a GNH conference, 7 members shook hands with each other before and after the meeting. How many total number of handshakes occurred?
  - A. 42
  - B. 43
  - C. 14
  - D. 7
- 60. Out of 21 passengers in a bus plying from Thimphu to Phuntsholing, 1/3<sup>rd</sup> of them got off the bus in Chimakoti and 2/7<sup>th</sup> of the remaining got off in Geddu. If no additional passenger were allowed to board the bus throughout the journey, how many passengers actually reached Phuntsholing?
  - A. 10 passengers
  - B. 11 passengers
  - C. 15 passengers
  - D. 14 passengers
- 61. Dorji and Kencho are young ones of Chenga. If Chenga is the father of Dorji but Kencho is not the son of Chenga. How are Kencho and Chenga related?
  - A. Niece and Uncle
  - B. Daughter and Father
  - C. Daughter and Mother
  - They are not related

62.









7









Which of the figures below occupies the blank space (?) in the matrix given above?

A (

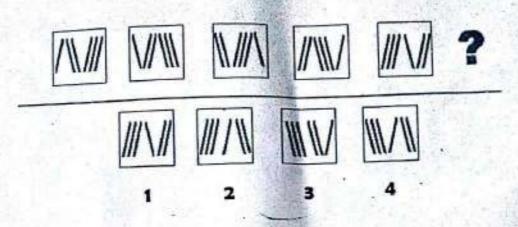


c (



- 63. The ratio of the number of boys and girls in a class is 7:8. If the number of boys is 21, what is the total number of students in a class?
  - A. 40
  - B. 45
  - C. 47
  - D. 50
- 64. Karma buys old scooter for Nu. 5200 and spends Nu. 800 on its repairs. If he sells the scooter for Nu.8000, what is his gain percent?
  - A. 31.3%
  - B. 32.3%
  - C. 33.3%
  - D. 34.3%

65. Which figure completes the series?

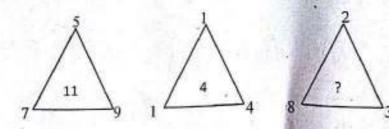


- A. 1
- B. 2
- C. 3
- D. 4
- 66. Look at this series: 48, 46, 42, 40, 36......what number should come next?
  - A. 32
  - B. 34
  - C. 35
  - D. 38
- 67. Jigme is older than his cousin Pema. Pema's brother Wangchuk is older than Jigme. When three of them get together, they like to play chinese checkers. Pema wins more often than Jigme does.

Find the statement that must be true according to the given information.

- A. Of the three, Jigme is the oldest.
- Wangchuk does not like to lose the game.
- C. Of the three, Pema is the youngest
- D. Jigme always win the game.
- 68. What is 50% of a number if 12 is equal to 15% of a number?
  - A. 12
  - B. 33
  - C. 40
  - D. 62

69. Which number replaces the question mark in the triangle?



- A. 7
- B. 5
- C. 9
- D. 11
- 70. The school principal has received complaints from parents about the bullying in the school. To investigate the matter, the principal appointed four senior teachers to watch students closely and report to him any unpleasant incidence in the school. Which situation should the four teachers report to the principal?
  - A. Seven boys are playing basketball and three others are arguing over the basketball scores.
  - B. Five girls are surrounding another girl and are attempting to snatch her lunch box.
  - C. Five boys aré clumped under the study table in the class and playing with mini video game.
  - D. Three boys and four girls are reading in the library and not speaking to each other.
- 71. 36 men can complete a work in 18 days. In how many days will 27 men complete the same work?
  - A. 24
  - B. 12
  - C. 18
  - D. 22
- 72. How many 4 colour codes can be made from a collection of 5 different colours if the same colour cannot be repeated in a colour code?
  - A. 360
  - B. 120
  - C. 60
  - D. 100

73. Below is a statement, followed by two arguments.

Statement: Should Bhutan make efforts to harness hydro energy to earn revenue to meet its recurrent expenditure?

#### Arguments:

- 1: Yes. The recurrent expenditure is increasing every year and Bhutan needs more revenues.
- 2: No. The hydro energy is non renewable.

Choose one valid option based on your logical reasoning.

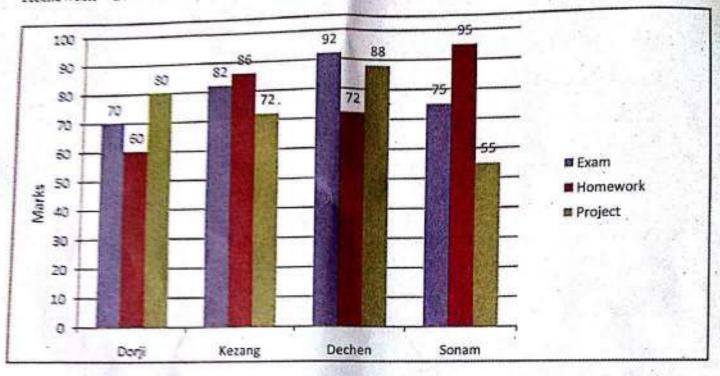
- A. Only argument 1 is valid
- B. Only argument 2 is valid
- C. Both 1 and 2 are valid
- D. Neither 1 nor 2 is valid
- 74. The underlined word is followed by four answer choices. Choose the word that is an essential element of the underlined word.

#### College

- A. Learning
- B. Exam
- C. Students
- D. Result
- 75. Find out the missing number (?)
  - 9 = 72
  - 8 = 56
  - 7 = 42
  - 6 = 30
  - 4=?
  - A. 16
  - B. 24
  - C. 20
  - D. 12

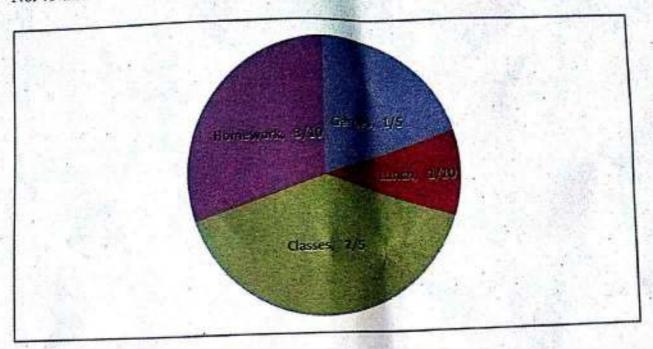
### SECTION D : DATA INTERPRETATION

The following bar graph shows marks obtained by students in 3 different types of assessments in the school. Each assessment is marked out of 100. However, at the end of academic session, the teacher uses following weightage to calculate the actual marks scored by each student: Exam – 50%, uses following weightage to calculate the actual marks scored by each student: Exam – 50%, Homework – 20% and Project 30%. Use the graph to answer Question No. 76, 77 and 78.



- 76. Which student scored the marks with the least variation in their assessments?
  - A. Dorji
  - B. Kezang
  - C. Dechen
  - D. Sonam
- 77. What is the actual mark obtained by Dorji at the end of academic session?
  - A. 65
  - B. 74
  - C. 70
  - D. 71
- 78. What is ratio of average marks scored by Dorji to the average marks scored by Kezang in their 3 assessments?
  - A. 7:8
  - B. 6:7
  - C. 3:2
  - D. 5:6

The pie chart given below shows how Ms. Pema, a trainee of National Institute of Education at Paro, spends her time on week days. Use the pie chart to answer Question No. 79 and 80.



- 79. What percentage of time Ms. Pema spends on attending her classes and doing homework in a day?
  - A. 40%
  - B. 70%
  - C. 50%
  - D. 60%
- 80. If the total time spent in a day by Ms. Pema is calculated from 6:00 am to 6:00 pm, how many hours and minutes she spends in playing games?
  - A. 2hrs 24mins
  - B. 2hrs 40mins
  - C. 2hrs 30mins
  - D. 2 hrs 4mins

81. Find the missing number in the figure?









- A. 5
- B. 2
- C. 1
- D. 0
- 82. There are 12 more apples than oranges in a basket of 36 apples and oranges. How many apples are in the basket?
  - A. 12
  - B. 24
  - C. 28
  - D. 36
- 83. If n > 0, which of the following expressions could have value less than 'n'?
  - i. 2n
  - ii. n<sup>2</sup>
  - iii. 2-n
  - A. i&ii
  - B. i and iii
  - C. ii and iii
  - D. All of them
- 84. Look at the series: 2, 5, 10, 13, 18, 21, ..... and fill in next two numbers?
  - A. 26, 29
  - B. 24, 29
  - C. 26, 31
  - D. 24, 27

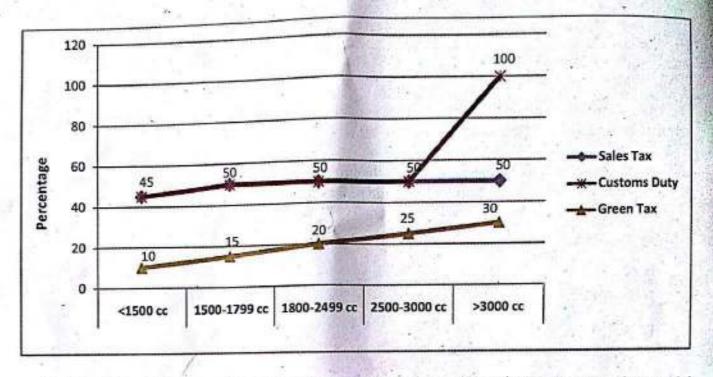
Use the table given below to answer Question No. 85, 86 and 87.

Sl. No	Region	% change from 2011 to 2012	% change from 2012 to 2013
1	Thimphu	+10	+20
2	Phuntsholing	-8	+10
3	Gelephu	+10	-10
4	S/Jongkhar	-5	-10

The table shows the annual percentage change in revenue collection from vehicle registrations at four different regions of Bhutan from 2011 to 2013.

- 85. If the annual revenue collection from Gelephu region was Nu. 50.0 million in 2011, what was the annual revenue collection for the same region in 2013?
  - A. Nu.50.0 m
  - B. Nu.60.0 m
  - C. Nu.49.5 m
  - D. Nu.50.5 m
- 86. Assuming that the annual revenue collection in 2011 is Nu.100 m at Thimphu region, what is the percentage of the annual revenue of 2012 with that of the annual revenue of 2013 for the same region?
  - A. 76%
  - B. 83%
  - C. 91%
  - D. 85%
- 87. Which region has seen decrease in annual revenue collection for 2 consecutive years?
  - A. Thimphu
  - B. Phuntsholing
  - C. Gelephu
  - D. S/Jongkhar

The following table shows the revised and approved vehicle import taxation by PDP government in 2<sup>nd</sup> Parliament session. The Sales Tax is exactly same as Customs Duty for all engine capacities (cc), except for vehicles above 3000cc, which is 50% of Customs Duty. Study the table to answer Question No. 88 and 89.



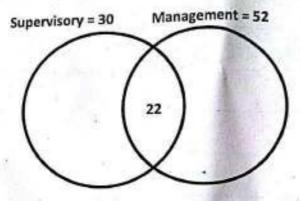
- 88. The Hyundai Tucson with engine capacity of 2000cc is priced at Nu.1.20 million at Hyundai Showroom at Olakha exclusive of taxes. If you are planning to buy this car, how much do you need to pay with the revised taxation of the Government?
  - A. 2.04 m
  - B. 1.20 m
  - C. 2.64 m
  - D. 1.44 m
- 89. What is ratio of total taxes for vehicle with engine capacity <1500 cc to total taxes for vehicle with engine capacity >3000 cc?
  - A. 1:3
  - B. 5:9
  - C. 4:5
  - D. 3:8

The following table shows number of Bhutanese students who attained the given Band Score on their IELTS exams, so that they can go and study in Australian Universities. Use the table to answer Question No. 90 and 91.

Band Score
5.5
6.0
6.5
7.0
8.0

- 90. What is the mean band score obtained by the students who appeared for IELTS exam?
  - A. 6.6
  - B. 6.7
  - C. 6.8
  - D. 6.9
- 91. If the above band score is calculated within 29 40 marks obtained in the exam with two units interval and one student scored 36 marks, what is his band score?
  - A. 6.5
  - B. 8.0
  - C. 7.0
  - D. 6.0
- 92. In the given series: D2MU, E1NV, F1/2OW, G1/4PX, ... Identify the next correct series.
  - A. H1/6RY
  - B. H1/6QY
  - C. H1/8 RY
  - D. H1/8QY

Following Venn diagram shows applications received by RCSC for recruitment of contract employees in two different positions. It is observed that some potential candidates have applied for both the positions. Accordingly, the number of applicants is counted for each position as shown in the diagram. Use the diagram to answer Question No. 93 and 94.



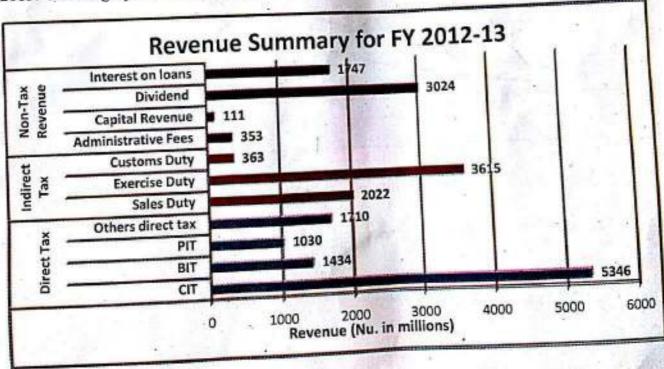
- 93. In total, how many candidates have applied for the positions?
  - A. 82
  - B. 60
  - C. 22
  - D. 104
- 94. How many candidates have applied only for one of the positions?
  - A. 8
  - B. 22
  - C. 30
  - D. 38
- 95. How many different groups of 2 persons can be formed from these four persons: P1, P2, P3, P4?
  - A. 10
  - B. 8
  - C. 6
  - D. 12

A fair coin is tossed in the air 2 times. Use the following information to answer Question No. 96.

ATT TO SEE A SERVICE AND ADDRESS.		
Left	Right	
Chances of getting 2 heads	Chances of getting no heads	

- 96. Which quantity is greater?
  - A. Equal
  - B. Left is greater
  - C. Right is greater
  - D. Cannot be determined

The graph given below shows Revenue Summary for National Budget for fiscal year 2012-2013. Use the graph to answer Question No. 97, 98 and 99.

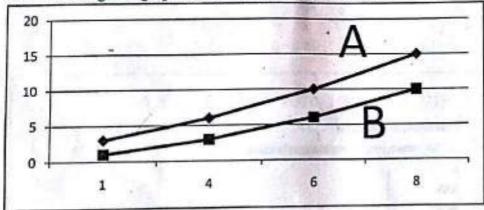


Source: National Budget Report 2013-14, MoF

- 97. Which is the revenue difference between Indirect Tax and Non-tax Revenue?
  - A. Nu.365 m
  - B. Nu.815 m
  - C. Nu.625
  - D. Nu.765 m

- 98. What is the average revenue of Direct tax from its different sources?
  - A. Nu.9520 m
  - B. Nu.3280 m
  - C. Nu.2380 m
  - D. Nu.4175 m
- 99. The revenue from Exercise Duty is what percent of average revenue of Indirect tax?
  - A. 18.75%
  - B. 60.25%
  - C. 180.75%
  - D. 165.98%

Use following line graph to answer Question No. 100.



- 100. Which of the following relationships would likely produce above line graph A and B?
  - I. Sales and Production
  - II. Exercise and Body Weight
  - III. Working hours and Payment
  - IV. Speed and Travel Time
  - A. I and II
  - B. I and III
  - C. II and III
  - D. II and IV