# **ENTRANCE EXAMINATION – 2017**

### Ph.D. Health Sciences

(Ph.D Admission - January 2018 Session)

Hall Ticket No.	
Duration: 2 hours	Total Marks: 80 (Part – I: 40 + Part – II: 40)
	OWING INSRTUCTIONS CAREFULLY BEFORE ANSWERING.

### **INSTRUCTIONS**

- 1. Write your Hall Ticket Number on the first page of this booklet AND on the OMR Sheet.
- 2. This booklet has **Sixteen** (16) pages. Please check thoroughly for all the pages.
- 3. There are two PARTS in the question paper PART- I (Q.Nos. 1-40) and PART-II (Q.Nos. 41-80). In case of tie, marks obtained in PART- I will be considered for resolving the tie. PART- I is common to the 2 streams of study.
- 4. PART II is organized as follows and clearly highlighted and color coded:

B: Nursing

OR

C: Optometry and Vision Science

- 5. PART-I is common and compulsory for the two streams and the candidates should select the stream (B or C) as applicable to them for PART-II. ONLY ONE STREAM CAN BE ANSWERED BY ANY CANDIDATE AND HAS TO BE MARKED CLEARLY ON THE OMR ANSWER SHEET.
- 6. All answers should be marked clearly in the OMR answer sheet only.
- 7. There is negative marking for first 25 questions in PART-I only. For each wrong answer 0.33 mark will be deducted.
- 8. Candidate should write and darken the correct Booklet Code for PART-II in the OMR Answer Sheet, without which the OMR will not be evaluated. The candidates defaulting in marking the Booklet Code in the OMR shall not have any claim on their examination and University shall not be held responsible.
- 9. Hand over the **OMR answer sheet** at the end of the examination to the Invigilator.
- 10. Scientific calculators are not permitted.

## PART I (<u>COMMON TO THE 2 STREAMS OF STUDY</u>). NOTE THERE IS NEGATIVE MARKING FOR THE FIRST 25 QUESTIONS

- 1. Agriculture refers to science and art of:
- A. Cultivating the soil
- B. Raising crops
- C. Rearing cattle
- D. All of above
- 2. ABC in First Aid refers to:
- A. Airway, Breathing & Circulation
- B. Affordable, Balanced & Cost Effective
- C. Airway, Breathing, & Communication
- D. Assistance, Blood & Circulation
- 3. The '108' service in India refers to all except:
- A. Emergency Medical Service
- B. Emergency Police Service
- C. Emergency Fire Service
- D. Emergency Child Protection Service
- 4. Autism refers to:
- A. Infection caused by self
- B. Temporary illness that cures itself as the child grows
- C. A disorder of neural development characterized by impaired social interaction
- D. Disorder where the individual is deaf and dumb
- 5. The acronym "SOP" stands for \_\_\_\_\_.
- A. sample operational plan
- B. single operational plan
- C. standard operating plan
- D. standard operating procedure
- 6. Which of the following is not an ethical guideline for conducting research with humans?
- A. Getting informed consent of the participant
- B. Telling participants they must continue until the study has been completed
- C. Keeping participants' identity anonymous
- D. Telling participants they are free to withdraw at any time.
- 7. "Bioinformatics" encompasses all these disciplines except:
- A. Medicine
- B. Sociology
- C. Maths/Physics
- D. Biology
- 8. Food Hygiene includes all systems, measures and practices related to food except:
- A. Production
- B. Disposal
- C. Processing
- D. Storage

#### 9. MIS stands for:

- A. Management interview systems
- B. Management integrated systems
- C. Management information systems
- D. Management integrity systems

#### 10. "TAEKWONDO" refers to a:

- A. Chinese medicine
- B. Korean Martial art
- C. Japanese tea
- D. Taiwanese fabric

#### 11. The South African nation is described as a Rainbow nation and is attributed to:

- A. Nelson Mandela
- B. Oliver Tambo
- C. Thabo Mbeke
- D. Desmond Tutu

#### 12. Society is defined as:

- A. A conglomeration of people
- B. A group of people bound by rules
- C. An association with regulated membership
- D. An organized association patterned on the norms of interaction

#### 13. A family of married couple with their children is:

- A. Joint
- B. Extended
- C. Nuclear
- D. Intergenerational

## 14. "Body language" is an example of which type of communication?

- A. Auditory
- B. Olfactory
- C. Tactile
- D. Visual

### 15. A badge that records exposure to radiation that is worn when taking x-rays is called:

- A. Filtration
- B. Lead shield
- C. Dosimeter
- D. Grid

## 16. Which of the following constitute Indian systems of medicine?

- A. Ayurveda
- B. Unani
- C. Siddha
- D. All of the above

### 17. For Qualitative Research, the data is in the form of:

- A. Numbers
- B. Words
- C. Integers
- D. Fractions

18. Which of the following is not a member of United Nations?  A. ILO  B. WHO  C. IMF  D. MSF
<ul> <li>19. The headquarters of International Court of Justice (ICJ) is in:</li> <li>A. Rome, Italy</li> <li>B. Hague, Nederland</li> <li>C. Paris, France</li> <li>D. Geneva, Switzerland</li> </ul>
<ul> <li>20. The primary granting agency through which the United States government conducts and supports biomedical research is the</li> <li>A. National Science Foundation (NSF)</li> <li>B. National Institutes of Health (NIH)</li> <li>C. United States Dept. of Agriculture (USDA)</li> <li>D. National Institutes of Aging (NIA)</li> </ul>
21. "Anthropology" is a study of: A. Primates B. Humankind C. Arthropods D. None of the Above
<ul><li>22. One of the following is not a measure of average:</li><li>A. Mean</li><li>B. Median</li><li>C. Mode</li><li>D. Meridian</li></ul>
<ul> <li>23. Understanding and identifying with a person's situation and feelings is known as:</li> <li>A. Pitying</li> <li>B. Grieving</li> <li>C. Empathy</li> <li>D. Sympathy</li> </ul>
24. A titer refers to the concentration of  A. an antigen in a vaccine  B. an antibody in a vaccine  C. an antibody in a blood sample  D. an antigen needed to stimulate antibody response
A. a review of the current literature on a scientific subject  B. a concise step-by-step schedule of experimental work to be performed  C. a description of the methods to be used for data assessment  D. a theory to explain the scientific question or problem

#### 26. Which method or euthanasia requires the use of a guillotine?

- A. cervical dislocation
- B. decapitation
- C. Electrocution
- D. CO2 overdose

#### 27. Samuel Hannemann created an alternative system of Medicine called:

- A. Naturopathy
- B. Homeopathy
- C. Allopathy
- D. Osteopathy

#### 28. The construct of Gender is:

- A. Biological
- B. Sociological
- C. Physical
- D. Supernatural

#### 29. Cohort refers to:

- A. A group of people sharing certain common characteristics
- B. A protein
- C. A carbohydrate
- D. A fat

#### 30. Standard deviation is the deviation of an individual value from the:

- A. Median
- B. Mode
- C. Range
- D. Mean

# 31. The best word that describes the following sentence: 'sample taken from a population should be'

- A. Representative
- B. Best in quality
- C. Precise
- D. Confident

# 32. Which of the following is the correct formula for the conversion of Celsius degrees to Fahrenheit degrees?

- A. F=5/9(C-32)
- B. C=5/9(F-32)
- C. F=9/5(C-32)
- D. C=9/5(F-32)

#### 33. "Behavior" includes:

- A. An organism's muscular or glandular response to stimulation that is observed
- B. The way that an organism responds to stimulation.
- C. The unique or predictable reaction of a "thing" to specific conditions.
- D. All of the above

#### 34. A "soprano":

- A. Swims
- B. Sleeps
- C. Sings
- D. Dreams

#### 35. "Faux Pas" is a:

- A. Tool
- B. Mistake
- C. Address
- D. Title

# 36. In 1936, Gandhiji shifted his ashram from a village Segaon to Sabarmathi. What new name did Gandhiji give this village?

- A. Sevagaon
- B. Sevawadi
- C. Savanthwadi
- D. Sewagram

# 37. Who are the only people who can send in requests for songs in AIR-Vividhabharathi's programme called "Jayamala"?

- A. Sportsmen
- B. Armed Forces
- C. Politicians
- D. Women

### 38. Inter quartile range is the difference between:

- A. 25% and 50% of values
- B. 25% to 75% of values
- C. 50-75% of values
- D. 0-25% of values.

#### 39. A nosocomial infection refers to:

- A. Infection acquired from animals
- B. Infection acquired by a neonate from the mother during delivery
- C. Infection acquired in a hospital.
- D. Infection acquired at farms.

#### 40. In law what is a subpoena?

- A. A writ commanding a witness to appear before a court of law.
- B. A summons which is bailable
- C. A summons which is non-bailable
- D. A criminal act committed

#### PART II (CODE B - NURSING)

#### 41. Which of the following currently present a significant health challenge globally?

- A. HIV/AIDS
- B. Malaria
- <sup>°</sup>C. Diarrheal diseases
- D. Cardiovascular disease

### 42. The World Health organization has identified health as which of the following dimensions?

- A. Physical, vocational, ethnic
- B. Emotional, social, and spiritual
- C. Physical, mental, and social
- D. Spiritual, vocational, and gender-related

### 43. The skill development domain of learning is which of the following?

- A. Cognitive
- B. Physical
- C. Affective
- D. Psycho-motor

# 44. What supplemental medication is most frequently ordered in conjunction with furosemide (Lasix)?

- A. Chloride
- B. Digoxin
- C. Potassium
- D. Sodium

# 45. The position of patient during immediate postoperative period of tonsillectomy surgery is

- A. Sim's position
- B. Prone position
- C. Lateral position
- D. Rose position

# 46. Preventative steps that stop a health problem before it starts is called?

- A. Primary prevention
- B. Secondary prevention
- C. Wellness
- D. Health education

## 47. The saturation level of oxygen in the blood can be assessed by using:

- A. Spirometer
- B. Pulse oximetry
- C. Tonometer
- D. Cardiac monitor

# 48. Approximately fifty percent of premature illnesses and death is related to?

- A. Cancer and heart disease.
- B. Participation in risky health behaviors.
- C. Motor vehicle accidents.
- D. Chewing tobacco.

#### 49. The volume of air that moves in and out of lungs with each respiration is:

- A. Tidal volume
- B. Minute volume
- C. Lung capacity
- D. Lung reserve

#### 50. Core body temperature is:

- A. Skin temperature
- B. Axilla temperature
- C. Rectal temperature
- D. Oral temperature

### 51. In which position, do you keep a patient during an asthmatic episode?

- A. Sim's position
- B. Prone position
- C. Supine position
- D. Fowler's position

# 52. Elementary and middle-level school physical education should emphasize all but which one of the following:

- A. cardiovascular health
- B. coordination and good posture
- C. athletic skill development
- D. agility and flexibility

## 53. According to Erikson "a sense of industry develops during":

- A. Infancy
- B. Toddler period
- C. Preschool age
- D. School age

# 54. The study of distribution and determinants of the disease is called:

- A. Epidemiology
- B. Entomology
- C. Pathology
- D. Community

# 55. Presenting a reward following a behaviour to increase the likelihood that the behaviour will be repeated is called:

- A. Positive reinforcement
- B. Situational inducement
- C. Modelling
- D. Shaping

# 56. The type of necrosis seen in tuberculosis is:

- A. Coagulative necrosis
- B. Liquefactive necrosis
- C. Caseous necrosis
- D. Gangrenous necrosis

# 57. While working in a psychiatric unit, you would assess the patient's cognitive status with help of?

- A. Mini mental status examination
- B. Rating tool
- C. Process recording
- D. Advanced technology

#### 58. Which of the following is a social motive?

- A. Hunger
- B. Thirst
- C. Pain avoidance
- D. Achievement

#### 59. Which of the following scale helps to assess the impaired consciousness

- A. Glasgow coma scale
- B. Visual analogue scale
- C. Beck Depression scale
- D. Muscle power grade scale

### 60. Which of the following determinants of health is a 'downstream' determinant?

- A. Housing
- B. Employment
- C. Age
- D. Education

#### 61. ICDS scheme is delivered in villages through:

- A. Auxiliary nurse and midwifes
- B. Multipurpose workers
- C. Accredited social health activists
- D. Anganwadi workers

## 62. Which structure helps prevent food from entering the trachea?

- A. Alveoli
- B. Diaphragm
- C. Epiglottis
- D. Villi

## 63. In DOTS strategy 'D' & 'O' stand for which of the following:

- A. Drug out
- B. Directly observed
- C. Daily observed
- D. Daily order

# 64. Reasoning from General to Particular is called?

- A. Deduction
- B. Induction
- C. Observation
- D. Experience

#### 65. Which of the following is necessary in obtaining informed consent?

- A. A description of the statistical analyses that will be carried out
- B. A description of the purpose of the research
- C. A description of the reliability and validity of test instruments
- D. A list of publications that the researcher has had in the last ten years

#### 66. IRB is an acronym for which of the following?

- A. Internal Review Board
- B. Institutional Rating Board
- C. Institutional Review Board
- D. Internal Request Board

#### 67. In the SMART objective, M stands for \_\_\_\_\_

- A. Modifiable
- B. Measurable
- C. Meaningful
- D. Moderate

#### 68. Education is derived from a Latin word?

- A. educate
- B. educere
- C. evolution
- D. learning

#### 69. Education according to John Dewey is?

- A. preparation for life
- B. getting knowledge
- C. learning to do by doing
- D. schooling

#### 70. The sum of curricular and co-curricular activities is?

- A. Aim
- B. Curriculum
- C. Pedagogy
- D. Summative evaluation

## 71. Which of the following is an example of primary data?

- A. Book
- B. Journal
- C. News Paper
- D. Census Report

#### 72. ICSSR stands for:

- A. Indian Council for Survey and Research
- B. Indian Council for Strategic Research
- C. Indian Council for Social Science Research
- D. Inter National Council for Social Science Research

# 73. Observation of an event personally by the observer is .....

- A. Indirect observation
- B. Direct observation
- C. Controlled observation
- D. Uncontrolled observation

# 74. How can you interpret a patient's fear of being in situations or places that may be difficult or embarrassing to leave as evidence of

- A. Social phobia
- B. Generalized anxiety disorder
- C. Agoraphobia
- D. Panic disorder

# 75. Which of the following infection control measures is directed toward reducing or eliminating the source or reservoir of infection?

- A. Prophylactic antimicrobial therapy
- B. Passive immunization
- C. Social distancing
- D. Pasteurization of milk

### 76. Which of the following remarks 'esprit d corps' among the members of the unit.?

- A. "Let's work together in harmony; we need to be supportive of one another"
- B. "In order that we achieve the same results; we must all follow the directives of Julius and not from other managers."
- C. "We will ensure that all the resources we need are available when needed."
- D. "We need to put our efforts together in order to raise the bar of excellence in the care we provide to all our patients."

# 77. As a manager, she focuses her energy on both the quality of services rendered to the patients as well as the welfare of the staff of her unit. Which of the following management styles does she adopt?

- A. Country club management
- B. Organization man management
- C. Team management
- D. Authority-obedience management

# 78. Which term refers to publishing several articles from the data collected in one large study?

- A. Duplicate publication
- B. Partial publication
- C. Triplicate publication
- D. None of these

# 79. What is it called when the participants are not revealed to anyone but researcher and staff?

- A. Confidentiality
- B. Anonymity
- C. Ethics
- D. Discretion

# 80. In which of Likert's four systems of leadership, managers do not have complete confidence and trust in subordinates but nevertheless, solicit advice from subordinates while retaining the right to make final decision?

- A. Participative leadership style
- B. Benevolent-authoritative leadership style
- C. Consultative leadership style
- D. Exploitative-authoritative leadership style

# PART II (CODE C – OPTOMETRY AND VISION SCIENCES)

41. Dolman card is used
A. For convergence exercise
B. For accommodative rock exercise
C. To test dominant eye
D. None of the above
42. A pencil of ray emerges from a lens with a vergence of +6:00D what is its vergence after a travel of 10 mm
A. +6.38 D
B. +7.00 D
C6.38 D
D7.00D
43. Express the visual acuities 6/9, and 6/36 in decimal notation?
A. 0.71,0.42
B. 0.67,0.17
C. 0.81,0.32
D. 0.76,0.77
44. A pin hole less than 1.00 mm would impair vision by increasing the size of
A. Airy disc
B. Scheiner disc
C. Blue disc
D. None of the above
<ul> <li>45. A myope is found to require-12:00D at a vertex distance of 13mm determine the correction if the vertex distance were altered to 10mm</li> <li>A11.58 D</li> <li>B12.30 D</li> <li>C10.39 D</li> <li>D13.00 D</li> </ul>
المراجع المراج
46. Duochrome test takes the help of to determine the spherical
component of the refractive error
A. Transverse chromatic aberration
B. Axial chromatic aberration
C. Transverse spherical aberration
D. Axial spherical aberration
47. An emmetrope with 8D of accommodation has a range of accommodation
A. From infinity to +125 mm
B. From infinity to -111 mm
B. From infinity to -111 mm C. From infinity to +111 mm
B. From infinity to -111 mm
B. From infinity to -111 mm C. From infinity to +111 mm D. From infinity to -125 mm
B. From infinity to -111 mm C. From infinity to +111 mm D. From infinity to -125 mm  48. Which cranial nerve innervates the four extra-ocular muscles?
B. From infinity to -111 mm C. From infinity to +111 mm D. From infinity to -125 mm  48. Which cranial nerve innervates the four extra-ocular muscles? A. Abducens nerve
B. From infinity to -111 mm C. From infinity to +111 mm D. From infinity to -125 mm  48. Which cranial nerve innervates the four extra-ocular muscles? A. Abducens nerve B. Oculomotor nerve
B. From infinity to -111 mm C. From infinity to +111 mm D. From infinity to -125 mm  48. Which cranial nerve innervates the four extra-ocular muscles? A. Abducens nerve

49. F	Refractive index of aque	eous humor is	?
	1.000		
	1.236		
	1.336		
D. 1	1.446		
50. 0	Cornea has	_ number of layers	
A. :			
В. 4	4		
C. '	7		
D. (	6		
t	that would als	te subjective refraction has low NR so be low?	A value then it would suggest
Α.	Positive fusional vergend	ce	
	Negative fusional verger		
C.	Positive relative accomn	nodation	
D.	Amplitude of accommod	lation	
A.	Crossed diplopia arises retina of each eye on no Nasal temporal	s because the image of the near of on-corresponding points?	bject falls on the
	superior		
	inferior		
А. В. С.	Uncrossed disparity inv Nasal Temporal Superior Inferior	volves a shift of the in	
54.	If dissimilar images are	e formed on corresponding points_	results
	Binocular diplopia		
	Binocular suppression		
	Binocular confusion		
D.	Binocular disparity		
55.	Which is not a test to n	neasure suppression?	
A.	Worth four dot test		
	Bagolini lenses		
C.	Binocular visual acuity		
D.	Sbisa bar		
		thich muscle insertion almost overli	es the macula
	Superior oblique muscle	· · · · · · · · · · · · · · · · · · ·	
	Superior rectus muscle Inferior rectus muscle		
	Inferior oblique muscle		
LJ.	Title Hot Optique indocte		

### 57. Neurons of the second order are derived from which retinal layer

- A. Photoreceptor layer
- B. Outer nuclear layer
- C. Ganglion cell layer
- D. Inner nuclear layer

# 58. The spherocylindrical transposition of the crossed cylinder $\pm 2.25 \times 120^{0}$ with $\pm 1.75 \times 30^{0}$ is

- A. +2.25 DS / +4.00 DC X 30°
- B. +2.25 DS / +4.00 DC X 120<sup>0</sup>
- C. +2.25 DS / -4.00 DC X 120<sup>0</sup>
- D. +2.25 DS / -4.00 DC X 30<sup>0</sup>

# 59. A patient reports that during fogging the line from 2 o'clock to 8 o'clock appears sharpest and darkest. The optometrist should add

- A. Minus cylinder axis  $60^{\circ}$
- B. Plus cylinder axis  $60^{\circ}$
- C. Minus cylinder axis 120°
- D. Plus cylinder axis 120<sup>0</sup>

# 60. Which one of these lenses has the spherical equivalent of +1.25 DS

- A.  $+4.00 DS / +2.00 DC X 80^{\circ}$
- B. +4.00 DS / -2.00 DC X 80<sup>0</sup>
- C.  $+2.00 DS / + 1.50 DC X 80^{\circ}$
- D. +2.00 DS / -1.50 DC X 80<sup>0</sup>

# 61. While performing the duochrome test the patient reports that the letters on the green side are clearer what should you do

- A. Add more minus sphere
- B. Add more plus sphere
- C. Remove minus sphere
- D. Remove plus sphere

# 62. The prism induced while reading 1 cm below the optical centre of the following glasses OD: $+3.00 \text{ DS} / -1.00 \text{ DC X } 90^{0} \text{ OS: } +5.00 \text{ DS} / -1.00 \text{ DC X } 90^{0} \text{ is}$

- A. OD 3 prism dioptres base up OS 5 prism dioptres base up
- B. OD 3 prism dioptres base down OS 5 prism dioptres base down
- C. OD 2 prism dioptres base up OS 4 prism dioptres base up
- D. OD 2 prism dioptres base down OS 4 prism dioptres base down

# 63. The spherocylinderical formulation of a lens +3.00 DS / -4.00 DC X 1800 can also be represented as

- A.  $-1.00 \text{ DC X } 90^{\circ}, +3.00 \text{ DC X } 180^{\circ}$
- B. +1.00 DC X 180<sup>0</sup>, -3.00 DC X 90<sup>0</sup> C. -1.00 DC X 180<sup>0</sup>, +3.00 DC X 90<sup>0</sup>
- D.  $+1.00 \text{ DC } \times 90^{\circ}$ ,  $-3.00 \text{ DC } \times 180^{\circ}$

# 64. Which of them is not a binocular clue for stereopsis

- A. Retinal disparity
- B. Convergence
- C. Accommodation
- D. Geometrical perspective

# 65. Horizontal incomitance with a relative divergence on downgaze with no significant difference between primary and up gaze is termed as

- A. Y pattern deviation
- B. Inverted Y pattern deviation
- C. A pattern deviation
- D. V pattern deviation

### 66. During the base-in vergence at distance a blur indicates

- A. Insufficient minus in subjective endpoint
- B. Excessive plus in subjective endpoint
- C. Insufficient plus in subjective endpoint
- D. Excessive minus in subjective endpoint

# 67. In absence of blur during base-out vergence at distance the break indicates

- A. Limit of positive fusional vergence
- B. Limit of negative fusional vergence
- C. Limit of accommodative amplitude
- D. None of the above

### 68. Right supravergence should be equal to

- A. Left infravergence
- B. Left supravergence
- C. Right infravergence
- D. None of the above

# 69. The amount and direction of the prism that is required to eliminate the fixation disparity reveals

- A. Dissociated tropia
- B. Dissociated phoria
- C. Associated phoria
- D. Associate tropia

# 70. When fitting rigid lenses and assessing the fluorescein pattern you should record:

- A. Central fluorescein pattern
- B. Mid periphery
- C. Edge Clearance
- D. All of the above

# 71. In a 2 alternative forced choice task, where is the threshold set in a frequency of sensing curve?

- A. 25%
- B. 50%
- C. 75%
- D. 100%

## 72. As the specific gravity of the Contact lens increases

- A. Its weight increases
- B. Its weight decreases
- C. Its BVP increases
- D. Its BVP decreases

# 73. The idea of directly altering corneal power by either submerging the head in a bowl of water or wearing a water-filled glass hemisphere over the eye was first suggested by

- A. Thomas Young
- B. Aristotle
- C. Pablo Picasso
- D. Leonardo da Vinci

#### 74. Dk/t referes to

- A. Water transmissibility of the contact lens
- B. Area of the BOZD
- C. Oxygen transmissibility of the contact lens
- D. Perimeter of BOZD

# 75. As a rule of thumb a 0.5 mm increase in the total diameter should accompany \_\_\_\_\_\_increase in the BOZR

- A. 0.5 mm
- B. 0.3 mm
- C. 0.05 mm
- D. 0.03 mm

#### 76. In fitting soft toric lenses LARS rule is used to

- A. Eliminate axis misalignment
- B. Eliminate lens movement
- C. Make the lens fitting steep
- D. Make the lens fitting flat

#### 77. A contact lens prescription of 8.9/13.8/-4.25 means

- A. The contact lens diameter is 8.9 base curve is 13.8 and power is -4.25
- B. The contact lens base curve is 8.9 diameter is 13.8 and power is -4.25
- C. The contact lens diameter is 8.9 power is 13.8 and base curve is -4.25
- D. The contact lens power is 8.9 base curve is 13.8 and diameter is -4.25

### 78. The following are not true about corneal warpage:

- A. it refers to a change in the corneal curvature associated with contact lens wear
- B. it is more common with rigid gas permeable contact lens
- C. it interferes with the result of biometry
- D. corneal oedema is a feature

# 79. A contact lens wearer complains that his vision is blurred immediately after blinking. Slit-lamp examination reveals excessive slit-lamp movement. To reduce the movement, you may:

- A. increase the oxygen permeability of the contact lens
- B. increase the thickness of the contact lens
- C. decrease the diameter of the contact lens
- D. increase the base curve of the contact lens

#### 80. The base curve of a contact lens:

- A. refers to its posterior central curvature
- B. is usually measured in dioptres
- C. determines its movement with blinking
- D. all of the above