UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION
SEMESTER I
SESSION 2010/2011

COURSE NAME	:	PROFESSIONAL ETHICS IN INFORMATION TECHNOLOGY
COURSE CODE	:	DIT 2152
PROGRAMME	:	2 DIT
EXAMINATION DATE	:	NOVEMBER/DECEMBER 2010
DURATION	:	2 1/2 HOURS
INSTRUCTIONS	:	ANSWER **ALL** QUESTIONS IN PART A AND PART B AND **TWO (2)** QUESTIONS IN PART C

THIS QUESTION PAPER CONSISTS OF NINE (9) PAGES

SECTION A

Instruction: Answer ALL questions

Q1   One of these is **NOT** the main characteristic for IT professional

      (A)   politically biased
      (B)   professional education
      (C)   accreditation
      (D)   certification

Q2   Ali used copy and paste technique in order to complete his assignment. This could lead easily to ....

      (A)   backup
      (B)   installation
      (C)   plagiarism
      (D)   phishing

Q3   A computer virus is a result of ....

      (A)   programming technique to harm the computing community
      (B)   coding
      (C)   flowcharting
      (D)   expert writing a computer code to harm the computing community

Q4   Ah Chong was warned from sharing his bank particulars with anybody from his facebook. This is closely related to Computer Ethics Code number
....

      (A)   one
      (B)   two
      (C)   three
      (D)   four

Q5   Rozemary used few diagrams of his superior's thesis in her work in England. Fortunately she passed and proceeded to be a tutor. This episode is a case against computer ethics number ....

      (A)   one
      (B)   two
      (C)   three
      (D)   six

Q6   Johann wrote about racism in his blog. Unfortunately he was caught by the police because of Principle IT code number ....

(A)   one
(B)   two
(C)   three
(D)   four

Q7   Dr Ros after her doctorate was seen to be involved in a bigger research worth RM10 million. This is in accordance to Principle IT code number .....

(A)   one
(B)   two
(C)   three
(D)   six

Q8   One of the followings is **NOT** a computer virus

(A)   Michelangelo
(B)   Buffalo
(C)   Love Bug
(D)   Melissa

Q9   One of these was regarded as the first virus that attacked IBM PC in 1986?

(A)   Michelangelo
(B)   Brain
(C)   Brian
(D)   Brianno

Q10   A .... is a self-contained program that spreads through a computer network by exploiting security holes in the computers connected to the network.

(A)   computer bug
(B)   computer virus
(C)   computer worm
(D)   computer code

Q11   Chen is good in drawing cartoons and spent her time learning tricks on games. Therefore she is advised to pursue in her .... degree by her academic advisor.

(A)   information security
(B)   information technology
(C)   information system

(D)   multimedia technology

Q12   These characteristics are associated to a virus called .... The characteristics are: *the fastest-spreading computer worm in history in 2003 and the number of hosts it affected every 8.5 seconds , and within 10 minutes 90 percent of the vulnerable hosts were infected. Affecting at least 78000 computers worldwide.*

    (A)   Blaster
    (B)   Code Red
    (C)   Sapphire
    (D)   Wank

Q13   Network-security is a big issue nowadays because ....

    i.   irresponsible people managed to get personal banking details easily
    ii.   irresponsible people managed to con many people through business dealings
    iii.   irresponsible people managed to persuade minors to engage in sexual voyeur
    iv.   constant threat of phising

    (A)   i and iv are true
    (B)   i and ii are true
    (C)   All are true
    (D)   Only iii is true

Q14   These could be associated with minors. Therefore the parents must be constantly protective of them.

    i.   releasing parents banking details in facebook activities
    ii.   releasing parents private photo to outsiders in twitters
    iii.   befriending unknown people in the internet
    iv.   too much face book after sleeping hours

    (A)   Only ii and iii are true
    (B)   Only iv is true
    (C)   I and II are true
    (D)   All are true

Q15   One day the world was shocked to see a famous TV host in an uncompromising position with a colored football star. As a result the TV station fired the host. This is related to ....

    (A)   personal data security

(B)   network security
(C)   information science
(D)   social issues

Q16   There are more than *ONE* e-learning universities in this country due to ...

i.   internet technology
ii.   cheap foreign exchange
iii.   global knowledge
iv.   mobile professors

(A)   only i is true
(B)   i and ii are true
(C)   ii and iii are true
(D)   All are true

Q17   Any university in Kuala Lumpur can provide post-degree programs due to ..

i.   internet technology
ii.   massive subscription of *e*-journals dated 1995 onwards
iii.   few well known academic staff with the rank of professor and upwards
iv.   historical factor

(A)   Only I and III are true
(B)   II and III are only
(C)   All except IV
(D)   All are true

Q18   A simple business man from Kelantan printed dark red apple on one million Pagolla t-shirt and managed to get instant profit by labeling *Apple*. His case can be closely associated to ....

(A)   copy-right laws
(B)   plagiarism
(C)   patent
(D)   day light robbery

Q19   Suzilabatik managed to get instant millions by selling her perfume with the name of *Sofia Loren* – a famous Miss World 2000. She must be advised of
....

(A)   copy-right laws infringement
(B)   patent infringement
(C)   plagiarism
(D)   social issues

Q20. Air Asia managed to gain huge profit as compared to its rivals because of ......

      i.   internet business
      ii.   advertisement
      iii.   smart promotion
      iv.   very low price

     (A)   only I and II are true
     (B)   II and III are true
     (C)   I and IV are true
     (D)   IV only is true

(30 marks)

SECTION B
Instruction: Answer ALL questions

For Q21 – Q25 fill in the blanks with correct terminologies. The terminologies are given here as : *Good will, Kantianism, Plagiarism, Subjective relativism, Divine Command Theory.*

Q21   The name that is synonym to its brilliant after sales service ....

Q22   Islam, Christianity and Judaism's teachings   ....

Q23   Claiming others' work as his own for material gains only   ....

Q24   What's right for you may not be right for me in Saudi Arabia. ....

Q25   People's actions ought to be guided by moral laws   ....

(5 marks)

Q26   The main difference between Kantianism and Divine Command Rule

(3 marks)

Q27   List FIVE (5) step to protect your notebook from any viruses and worms.

(5 marks)

Q28   Describe why you should not explore your friends notebook without his permission.

(2 marks)

Q29   You came across an important video clip of your friends, explain why you should not revealed the clip on youtube.

(3 marks)

Q30 Give 2 reasons why gambling in internet spread so alarmingly.

(2 marks)

SECTION C

Instruction: Answer any **TWO** (2) questions

Q31 In this subject you are given some exposure on problems regarding copy-right laws and patent. Discuss by giving appropriate examples to these issues. (You may follow the structure below)

    i   Definition of copy rights and patent

(4 marks)

    ii   Copy right in academic publications

(4 marks)

    iii   Patent in research

(4 marks)

    iv   When did infringement happen in copy right and/or patenting happen?
(6 marks)

    v   How to protect copy rights and patent?

(7 marks)

Q32 Discuss **THREE** big issues involving social values arising from internet technology that influence the lives of the people in this country

    i   gambling
    ii   pornography
    iii   doing business at home

(25 marks)

Q33 As an IT student you are approached by a local businessman regarding opening a cyber café business with 20 computer terminals 500 meters from your university

with 1,000 enrolment per semester. Advise and warn him correctly using professional computer ethics as your framework.

    i.   where to make fast money in cyber café?
    ii.   Is it in gambling?
    iii.   Is it in computer games?
    iv.   Communication ICT - making international calls to their families
    v.   Addiction in gambling and games?
    vi.   Privacy rights
    vii.   How to protect children from privacy rights
    viii. Child pornography
    ix.   Learning how to make poisons that harm society in general

(25 marks)