

No. Tempat Duduk: _____

Angka Giliran: _____

UNIVERSITI SAINS MALAYSIA

Peperiksaan Semester Kedua
Sidang 1985/86

HEK 302 - Bacaan dan Tulisan Kritikal

Tarikh: 16 April 1986

Masa: 2.15 ptg. - 5.15 ptg.
(3 jam)

INSTRUCTIONS

Answer ALL questions.

All answers are to be written in the spaces provided.

QUESTION 1 - (50 marks)

Fill in the appropriate forms of fallacies in Love is a Fallacy.

LOVE IS A FALLACY

Cool was I and logical. Keen, calculating, perspicacious, acute and astute--I was all of these. My brain was as powerful as a dynamo, as precise as a chemist's scales, as penetrating as a scalpel. And--think of it!--I was only eighteen.

It is not often that one so young has such a giant intellect. Take, for example, Petey Burch, my roommate at the University. Same age, same background, but dumb as an ox. A nice enough fellow, you understand, but nothing upstairs. Unstable. Impressionable. Worst of all, a faddist. Fads, I submit, are the very negation of reason. To be

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ATAU

74. Kenapakah jalan-jalan di bandar-bandar Islam tradisional berliku-liku dan berakhir dengan jalan-jalan mati?

SAMA ADA

75. Kenapakah tali air penting di dunia Islam dan apakah langkah-langkah yang telah dibuat oleh sarjana-sarjana Islam untuk menyelesaikan masalah kekurangan air? Bincangkan di dalam konteks tamadun Islam.

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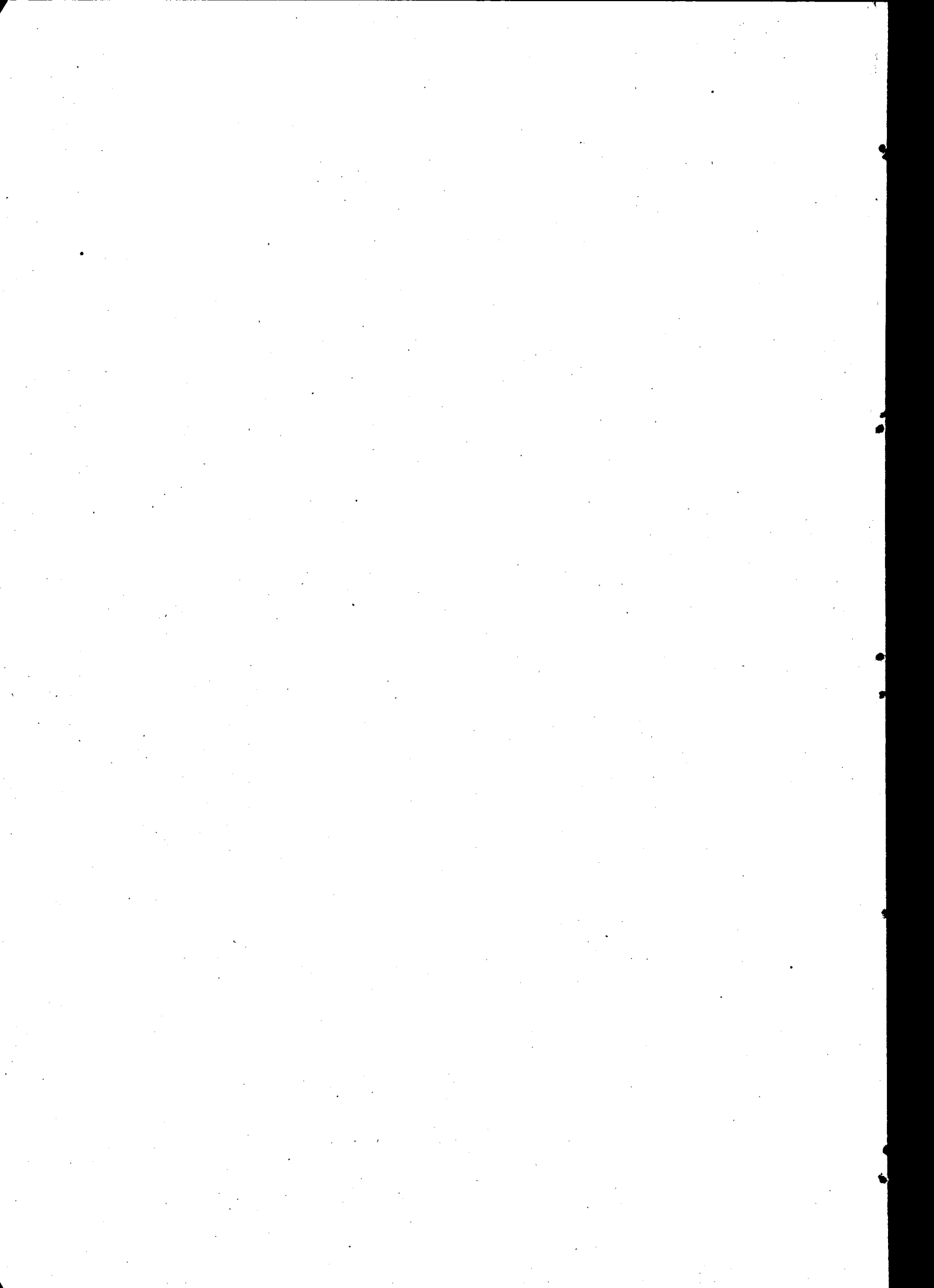
76. Perihalkan sumbangan tamadun Islam di dalam bidang kejuruteraan mekanik. Perbincangan anda hendaklah mengandungi perkara-perkara seperti: risalah-risalah yang diterbitkan, individu-individu yang terlibat, serta saranan atau teori yang telah dibuat mengenai bidang ini. Sertakan juga catatan mengenai contoh peralatan yang telah direka.

SAMA ADA

77. Tamadun Islam telah menghasilkan alat-alat teknologi bagi kegunaan seharian seperti kincir angin, kincir air, alat penyulingan dan lain-lain. Tetapi tamadun ini tidak menghasilkan alat-alat yang lain. Beri ulasan anda.

ATAU

78. Mengikut doktrin Pythagoras mengenai matematik, nombor-nombor dan rajah-rajah (figures) wujud atas tiga peringkat realiti, iaitu alam bentuk asli, alam perantaraan pemikiran (alam saintifik) dan alam dunia luar. Cuba kaitkan doktrin ini dengan matematik pada tamadun Islam dan juga dengan matematik yang dihasilkan pada zaman ini.



KELOMPOK SASTERA -- (20%)

Masa: 40 minit

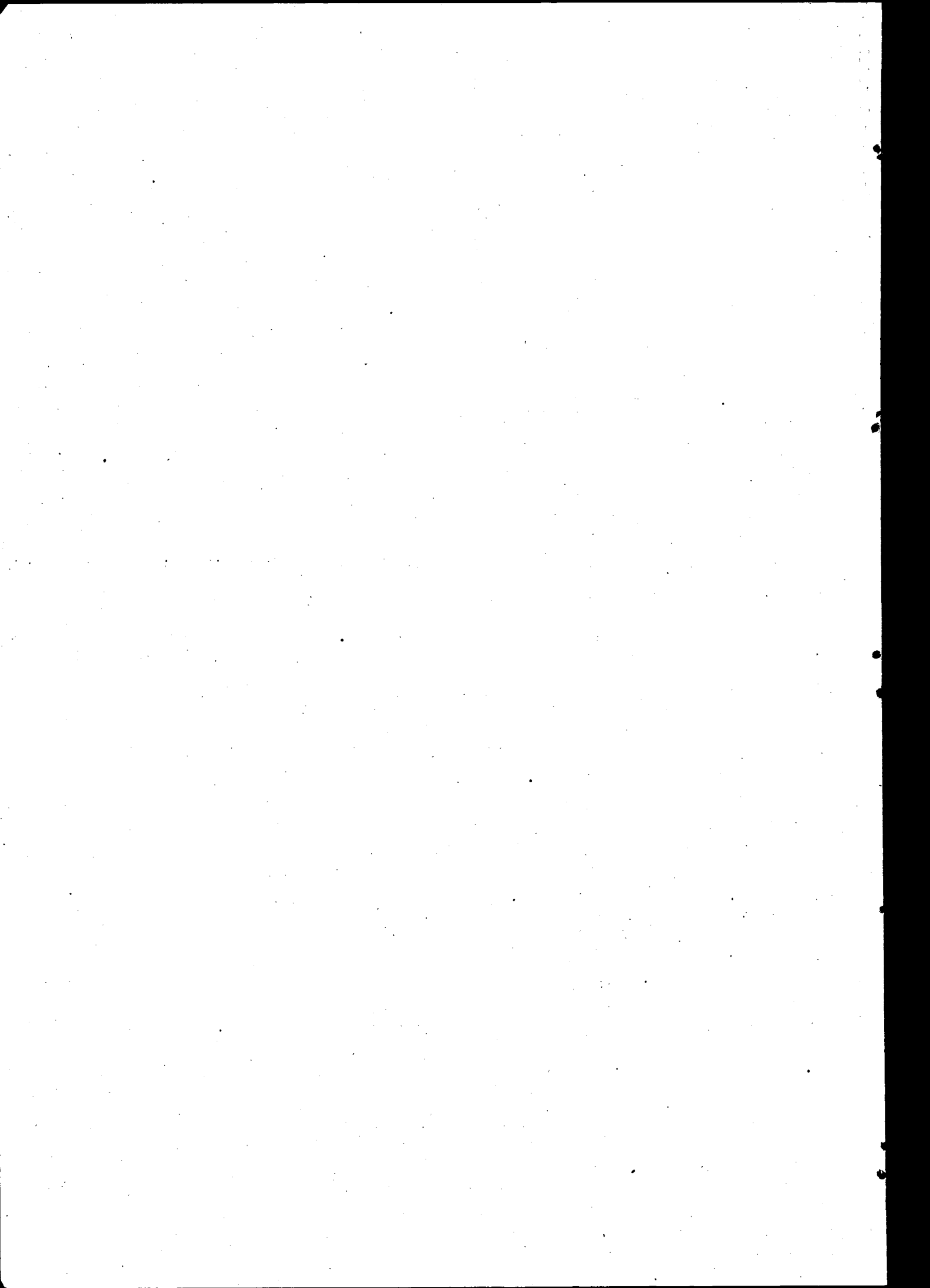
Jawab TIGA(3) soalan sahaja dalam Kelompok ini. Sila gunakan buku jawapan yang berasingan bagi tiap-tiap jawapan.

79. Pemerintahan Islam menggunakan asas syura (musyawarah) dalam membuat keputusan. Kes-kes apakah yang boleh dimusyawarahkan dan kes-kes apa pulakah yang tidak boleh?
80. Apakah hikmah yang terkandung di dalam perintah Islam yang menghendaki pelaksanaan hukuman jenayah dilakukan di depan kesaksian orang ramai?
81. Ekonomi Islam menekankan persoalan keadilan dan kebenaran di dalam semua kegiatannya. Berdasarkan apa yang anda tahu, huraikan dengan jelas prinsip-prinsip ekonomi Islam yang menjamin wujudnya keadilan dan kebenaran tersebut.
82. Jelaskan dengan ringkas dua(2) bahagian utama pencapaian Islam dalam geografi manusia.
83. Bagaimanakah kedudukan manusia daripada kacamata Islam dan psikologi Barat? Bincangkan jawapan anda dengan melihat persamaan dan perbezaan di antara kedua-dua pandangan ini.
84. Sesebuah masyarakat Islam terbentuk atas lima(5) ciri. Secara ringkas huraikan kelima-lima ciri tersebut.
85. SAMA ADA
 - (a) Mengapa terdapat keragaman dalam ciri-ciri utama kesusasteraan Islam di seluruh dunia?

ATAU

- (b) Di dalam surah asy-Syu'ara':224-226, Allah (s.w.t.) berfirmah:

"Dan para penyair itu diikuti oleh orang-orang yang sesat. Tidakkah kamu melihat bahawa sanya mereka mengembara di tiap-tiap lembah dan mereka suka mengatakan



apa yang mereka sendiri tidak mengerjakannya."

Beri pendapat anda berdasarkan maksud firman di atas.

86. Huraikan perbezaan antara pendidikan Islam dengan pendidikan sekular.

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swept up in every new craze that comes along, to surrender yourself to idiocy just because everybody else is doing it--this, to me, is the acme of mindlessness.

One afternoon I found Petey lying on his bed with an expression of distress on his face. 'Don't move,' I said. I'll get a doctor.'

'Raccoon,' he mumbled thickly.

'Raccoon?' I said, pausing in my flight.

'I want a raccoon coat,' he wailed.

I perceived that his trouble was not physical, but mental. 'Why do you want a raccoon coat?

'I should have known it,' he cried, pounding his temples. 'I should have known they'd come back when the Charleston came back. Like a fool I spent all my money for textbooks, and now I can't get a raccoon coat.'

He leaped from the bed and paced the room. 'I've got to have a raccoon coat,' he said passionately. 'I've got to!'

'Petey, why? Look at it rationally. Raccoon coats are unsanitary. They shed. They smell bad. They weigh too much. They're unsightly. They--'

'You don't understand,' he interrupted impatiently. 'Its the thing to do. Don't you want to be in the swim?'

'No,' I said truthfully.

'Well, I do,' he declared. 'I'd give anything for a raccoon coat. Anything!'

My brain, that precision instrument, slipped into high gear. 'Anything?' I asked, looking at him narrowly

'Anything,' he affirmed in ringing tones.

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I stroked my chin thoughtfully. It so happened that I knew where to get my hands on a raccoon coat. My father had had one in his undergraduate days; it lay now in a trunk in the attic back home. It also happened that Petey had something I wanted. He didn't have it exactly, but at least he had first rights on it. I refer to his girl, Polly Espy.

I had long coveted Polly Espy. Let me emphasize that my desire for this young woman was not emotional in nature. She was, to be sure, a girl who excited the emotions, but I was not one to let my heart rule my head. I wanted Polly for a shrewdly calculated, entirely cerebral reason.

I was a freshman in a law school. In a few years I would be out in practice. I was well aware of the importance of the right kind of wife in furthering a lawyer's career. The successful lawyers I had observed were, almost without exception, married to beautiful, gracious, intelligent women. With one omission, Polly fitted these specifications perfectly.

Beautiful she was. She was not yet of pin-up proportions, but I felt sure that time would supply the lack. She already had the makings.

Gracious she was. By gracious I mean full of graces. She had an erectness of carriage, an ease of bearing, a poise that clearly indicated the best of breeding.

Intelligent she was not. In fact, she veered in the opposite direction. But I believed that under my guidance she would smarten up. At any rate, it was worth a try. It is, after all, easier to make a beautiful dumb girl smart than to make an ugly smart girl beautiful.

'Petey,' I said, 'are you in love with Polly Espy?'

'I think she's a keen kid,' he replied, 'but I don't know if you'd call it love.'

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Why?'

"Do you," I asked, 'have any kind of formal arrangement with her? I mean are you going steady or anything like that?'

'No. We see each other quite a bit, but we both have other dates. Why?'

I nodded with satisfaction. 'In other words, if you were out of the picture, the field would be open. Is that right?'

'I guess so. What are you getting at?'

'Nothing, nothing,' I said with a mysterious wink and packed my bag and left.

'Look,' I said to Petey when I got back Monday morning. I threw open the suitcase and revealed the huge, hairy, gamy object that my father had worn in his Stutz Bearcat in 1925.

'Holy Toledo!' said Petey reverently.

'Would you like it?' I asked.

'Oh yes!' he cried, clutching the greasy pelt to him. Then a canny look came into his eyes. 'What do you want for it?'

'Your girl,' I said, mincing no words.

'Polly?' he said in a horrified whisper, 'You want Polly?'

'That's right.'

He flung the coat from him. 'Never,' he said stoutly.

I shrugged. 'Okay, If you don't want to be in the swim, I guess it's your business.'

I sat down in a chair and pretended to read a book, but out of the corner of my eye I kept watching Petey. He was a torn man.

'It isn't as though I was in love with Polly,' he said thickly. 'Or going steady or anything like that.'

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'Try on the coat,' said I.

He complied. The coat bunched high over his ears and dropped all the way down to his shoe tops. He looked like a mound of dead raccoons. 'Fits fine,' he said happily.

I rose from my chair. 'Is it a deal?' I asked, extending my hand.

He swallowed. 'It's a deal,' he said and shook my hand.

I had my first date with Polly the following evening. This was in the nature of a survey; I wanted to find out just how much work I had to do. I took her first to dinner. 'Gee, that was a delish dinner,' she said as we left the restaurant. Then I took her to a movie. 'Gee, that was a marvy movie,' she said as we left the theatre. And then I took her home. 'Gee, I had a sensaysh time,' she said as she bade me good night.

I went back to my room with a heavy heart. I had gravely underestimated the size of my task. This girl's lack of information was terrifying. Nor would it be enough merely to supply her with information. First she had to be taught to think. This loomed as a project of no small dimensions, and at first I was tempted to give her back to Petey. But then I got to thinking about her abundant physical charms and about the way she entered a room and I decided to make an effort.

I went about it, as in all things, systematically. I gave her a course in logic. It happened that I, as a law student, was taking a course in logic myself, so I had all the facts at my finger tips. 'Polly,' I said to her when I picked her up on our next date, 'tonight we are going over to the Knoll and talk.'

'Oo, terrif,' she replied.

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We went to the Knoll, the campus trysting place, and we sat down under an old oak, and she looked at me expectantly. 'What are we going to talk about?' she asked.

'Logic,'

She thought this over for a minute and decided she liked it. 'Magnif,' she said.

'Logic,' I said, clearing my throat, 'is the science of thinking. Before we can think correctly, we must first learn to recognise the common fallacies of logic. These we will take up tonight.'

'Wow-dow!' she cried, clapping her hands delightedly.

I winced, but went bravely on. 'First let us examine the fallacy of

_____. For example:
Exercise is good. Therefore everybody should exercise.'

'I agree,' said Polly earnestly. 'I mean exercise is wonderful. I mean it builds the body and everything.'

'Polly,' I said gently, 'the argument is a fallacy. Exercise is good is an _____. For instance, if you have heart disease, exercise is bad, not good. Many people are ordered by their doctors not to exercise. You must _____. You must say exercise is usually good, or exercise is good for most people. Do you see?'

'No,' she confessed. 'But this is marvy. Do more! Do more!'

'It will be better if you stop tugging at my sleeve,' I told her, and when she desisted, I continued. 'Next we take up a fallacy called _____. Listen carefully: You can't speak French. I can't speak French. Petey Burch can't speak

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French. I must therefore conclude the nobody at the University of Minnesota can speak French.'

'Really?' said Polly, amazed, 'Nobody?'

I hid my exasperation, 'Polly, it's a fallacy-- _____

There are too few instances to support such a conclusion.'

'Know any more fallacies?' she asked breathlessly. 'This is more fun than dancing even.'

I fought off a wave of despair. I was getting nowhere with this girl, absolutely nowhere. Still, I am nothing if not persistent. I continued, 'Next comes _____

_____. Listen to this: Let's not take Bill on our picnic. Every time we take him out with us, it rains.'

I know somebody just like that,' she exclaimed. 'A girl back home-- Eula Becker, her name is. It never fails. Every single time we take her on a picnic--'

'Polly,' I said sharply, 'it's a fallacy. Eula Becker doesn't cause the rain. She has no connection with the rain. You are guilty of _____

if you blame Eula Becker.'

'I'll never do it again,' she promised contritely. 'Are you mad at me?'

I sighed deeply. 'No, Polly, I'm not mad.'

I consulted my watch. 'I think we'd better call it a night. I'll take you home now, and you go over all the things you've learned. We'll have another session tomorrow night.'

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I deposited her at the girls' dormitory, where she assured me that she had had a perfectly terrific evening, and I went glumly home to my room. Petey lay snoring in his bed, the raccoon coat huddled like a great hairy beast at his feet. For a moment I considered waking him and telling him that he could have his girl back. It seemed clear that my project was doomed to failure. The girl simply had a logic-proof head.

But then I reconsidered. I had wasted one evening; I might as well waste another. Who knew? Maybe somehow I could fan them into flame. Admittedly it was not a prospect fraught with hope, but I decided to give it one more try.

Seated under the oak the next evening I said, 'Our first fallacy tonight deals with _____'.

She quivered with delight.

'Listen closely,' I said. 'A man applies for a job. When the boss asks him what his qualifications are, he replies that he has a wife and six children at home, the wife is a helpless cripple, the children have nothing to eat, no clothes to wear, no shoes on their feet, there are no beds in the house, no coal in the cellar, and winter is coming.'

A tear rolled down each of Polly's pink cheeks. 'Oh, this is awful, awful,' she sobbed.

'Yes it's awful,' I agreed, 'but it's no argument. The man never answered the boss's question about his qualifications. Instead he appealed to the boss's sympathy. He was _____. Do you understand?'

'Have you got a handkerchief?' she blubbered.

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I handed her a handkerchief and tried to keep from screaming while she wiped her eyes. 'Next,' I said in a carefully controlled tone, we will discuss _____. Here is an example: Students should be allowed to look at their textbooks during examinations. After all, surgeons have X-rays to guide them during an operation, lawyers have briefs to guide them during a trial, carpenters have blueprints to guide them when they are building a house. Why, then, shouldn't students be allowed to look at their textbooks during an examination?'

'There now,' she said enthusiastically, 'is the most marvy idea I've heard in years.'

'Polly,' I said testily, 'the argument is all wrong. Doctors, lawyers, and carpenters aren't taking a test to see how much they have learned, but students are. The situations are altogether different, and you can't make an _____ between them.'

'I still think it's a good idea,' said Polly.

One more chance, I decided. But just one more. There is a limit to what flesh and blood can bear. The next fallacy is called _____.

"How cute!" she gurgled.

'Two men are having a debate. The first one gets up and says, 'My opponent is a notorious liar. You can't believe a word that he is going to say.' ...Now, Polly, think. Think hard. What's wrong?'

I watched her closely as she knit her creamy brow in concentration. Suddenly a glimmer of intelligence--the first I had seen--came into her eyes. 'It's not fair,' she said with indignation. 'It's not a bit fair. What chance has the second man got if the first man calls him a liar before he even begins talking?'

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"Right!" I cried exultantly. 'One hundred per cent right. It's not fair. He has hamstrung his opponent before he could even start...Polly, I'm proud of you.'

'Pshaw,' she murmured, blushing with pleasure.

'You see, my dear, these things aren't so hard. All you have to do is think--examine--evaluate. Come now, let's review everything we have learned.'

'Fire away,' she said with an airy wave of her hand.

Heartened by the knowledge that Polly was not altogether a cretin, I began a long, patient review of all I had told her. Over and over and over again I cited instances, pointed out flaws, kept hammering away without let up.

Five gruelling nights this took, but it was worth it. I had made a logician out of Polly; I had taught her to think. My job was done. She was worthy of me at last. She was a fit wife for me, a proper hostess for my many mansions, a suitable mother for my well-heeled children.

It must not be thought that I was without love for this girl. Quite the contrary, just as Pygmalion loved the perfect woman he had fashioned, so I loved mine. I determined to acquaint her with my feelings at our very next meeting. The time had come to change our relationship from academic to romantic.

'Polly,' I said when next we sat beneath our oak, 'tonight we will not discuss fallacies.'

'Aw, gee,' she said, disappointed.

'My dear,' I said, favouring her with a smile, 'we have now spent five

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evenings together. We have gotten along splendidly. It is clear that we are well matched.'

_____ said Polly brightly. 'How can you say that we are well matched on the basis of only five dates?'

I chuckled with amusement. The dear child had learned her lessons well. 'My dear,' I said, patting her hand in a tolerant manner, 'five dates is plenty. After all, you don't have to eat a whole cake to know that it's good.'

_____ said Polly promptly. 'I'm not a cake. I'm a girl.'

I chuckled with somewhat less amusement. The dear child had learned her lessons perhaps too well. I decided to change tactics. Obviously the best approach was a simple, strong, direct declaration of love. I paused for a moment while my massive brain chose the proper words. Then I began:

'Polly, I love you. You are the whole world to me, and the moon and the stars and the constellations of outer space. Please, my darling, say that you will go steady with me, for if you will not, life will be meaningless. I will languish. I will refuse my meals. I will wander the face of the earth, a shambling, hollow-eyed hulk.'

There, I thought, folding my arms, that ought to do it.

_____ said Polly.

I dashed perspiration from my brow. 'Polly,' I croaked, 'you mustn't take all these things so literally. I mean this is just classroom

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stuff. You know that the things you learn in school don't have anything to do with life.'

_____ she said, wagging her finger at me playfully.

That did it. I leaped to my feet, bellowing like a bull. 'Will you or will you not go steady with me?'

'I will not,' she replied.

'Why not?' I demanded.

'Because this afternoon I promised Petey Burch that I would go steady with him.'

I reeled back, overcome with the infamy of it. After he promised, after he made a deal, after he shook my hand! 'The rat!' I shrieked, kicking up great chunks of turf. 'You can't go with him, Polly. He's a liar. He's a cheat. He's a rat.'

_____ said Polly, 'and stop shouting, I think shouting must be a fallacy too.'

With an immense effort of will, I modulated my voice. 'All right,' I said, 'You're a logician. Let's look at this thing logically. How could you choose Petey Burch over me? Look at me--a brilliant student, a tremendous intellectual, a man with an assured future. Look at Petey--a knothed, a jitterbug, a guy who'll never know where his next meal is coming from. Can you give me one logical reason why you should go steady with Petey Burch?'

'I certainly can,' declared Polly. 'He's got a raccoon coat.'

By Max Shulman, 'Love is a Fallacy' from *The Many Loves of Dobie Gillis* (abridged).

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QUESTION 2 - (50 marks)

Using your best ironic tone, write a 750 word essay entitled
'The Super Student'.

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