
UNIVERSITI SAINS MALAYSIA

Second Semester Examination
2012/2013 Academic Session

June 2013

RQK 255 - Professional Practice For Quantity Surveyors
[Amalan Profesional Juruukur Bahan]

Duration: 3 hours
[Masa: 3 jam]

Please check that this examination paper consists of SEVEN pages of printed material before you begin the examination.

Sila pastikan bahawa kertas peperiksaan ini mengandungi TUJUH muka surat yang tercetak sebelum anda memulakan peperiksaan ini.

Students are allowed to answer all questions either in English OR in Bahasa Malaysia only.

Pelajar dibenarkan menjawab semua soalan dalam Bahasa Inggeris ATAU Bahasa Malaysia sahaja.

Answer **FIVE** questions only.

*Jawab **LIMA** soalan sahaja.*

In the event of any discrepancies, the English version shall be used.

Sekiranya terdapat sebarang percanggahan pada soalan peperiksaan, versi Bahasa Inggeris hendaklah digunapakai.

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1. (a) Review the roles of the 21st century Quantity Surveyors and suggest how they could impact on the following issues:-
 - Leadership in construction
 - Environmentally sustainable design
 - (b) Discuss on the primary roles of the Board of Quantity Surveyors Malaysia (BQSM) and list at least six (6) areas where experience are needed for critical analysis in the pursuit of registration.
 - (c) Briefly discuss the purpose of the BQSM Scale of Fees.
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- (a) *Tinjau peranan-peranan Juruukur Bahan (JUB) abad ke-21 serta sarankan bagaimana ianya boleh memberi impak kepada isu-isu tersebut:-*
 - *Kepimpinan industri binaan*
 - *Rekabentuk lestari alam sekitar*
 - (b) *Bincangkan tentang peranan utama Lembaga Juruukur Bahan Malaysia (LJUBM) dan senaraikan enam (6) bidang di mana pengalaman diperlukan untuk analisis kritikal dalam usaha mendapat pendaftaran.*
 - (c) *Secara ringkas bincangkan tentang Skala Yuran LJUBM.*

(20 marks/markah)

- 3 -

2. (a) “The Royal Institution of Chartered Surveyors (RICS) is synonymous with prestige, quality and global presence”.
Discuss the statement above, elaborating clearly how the RICS works and how it impacts Quantity Surveyors in Malaysia.
- (b) In starting up a small firm, the RICS has come out with the RULES concept; elaborate what these are.
- (c) List at least **six (6)** RICS core values.
- (a) *“The Royal Institution of Chartered Surveyors (RICS) merupakan sebuah institusi yang sinonim dengan prestij, kualiti dan imej global. Bincangkan ungkapan di atas, serta jelaskan bagaimana RICS berfungsi dan kesan-kesannya untuk JUB di Malaysia.*
- (b) *Dalam menubuhkan sesuatu firma kecil, pihak RICS telah menghasilkan konsep RULES; perelaskan tentang konsep ini.*
- (c) *Senaraikan **enam (6)** nilai-nilai asas RICS.*

(20 marks/markah)

- 4 -

3. (a) "Professionalism remains a relevant and important concept, but the exigencies of a sustainable urban environment transcend the objectives of the professions and demand a broader, collaborative and participative agenda". – Will Hughes et. al. Discuss
- (b) Using a flow chart, illustrate a practice management concept highlighting issues of strategy, leadership and management.
- (c) Briefly outline **two (2)** codes of professional conduct as listed in Section 26 of the QS (Amendment) Rules 2004.
- (a) *"Profesionalisme masih lagi merupakan konsep yang relevan dan mustahak, tetapi tekanan alam sekitar bandar lestari melebihi objektif-objektif pihak-pihak professional, dan menuntut agenda yang lebih luas, bercorak kolaboratif dan 'participature'. – Will Hughes et. al. Bincangkan.*
- (b) *Dengan menggunakan carta alir, tunjukkan suatu konsep pengurusan praktis dengan mengutamakan isu-isu bersabit strategi, kepimpinan dan pengurusan.*
- (c) *Dengan ringkas, nyatakan **dua (2)** 'codes of professional conduct' seperti yang tertera di bawah Seksyen 26 QS (Amendment) Rules 2004.*

(20 marks/markah)

4. (a) Prepare a table indicating clearly :
- (i) Traditional QS roles
 - (ii) Evolving QS roles
 - (iii) Future QS roles

in the context of new professionalism, utilising a project development nomenclature like the RIBA Plan of Work.

- (b) Discuss the importance of the Bills of Quantities (BQ), and comment how its diminishing role in the future may actually benefit the QS profession.
- (c) List three (3) Key Performance Indicators each for both client satisfaction and the company.

- (a) *Sediakan suatu jadual yang menjelaskan :*

- (i) Peranan-peranan JUB tradisional*
- (ii) Peranan-peranan JUB yang kian berubah*
- (iii) Peranan-peranan JUB masa depan*

dalam konteks profesionalisme baru, dengan menggunakan suatu nomenklatur pembangunan projek seperti RIBA Plan of Work.

- (b) *Bincangkan tentang mustahaknya Senarai Kuantiti serta beri komen bagaimana peranannya yang berkurangan pada masa depan boleh memanfaatkan lagi profesion Ukur Bahan.*
- (c) *Senaraikan tiga (3) Key Performance Indicators, satu-satunya untuk 'client satisfaction' dan 'company'.*

(20 marks/markah)

5. (a) Discuss the holistic role of the QS for the post-contract cost management process and indicate the major differences between the roles of the consultant QS and the contractor's QS in this process.
- (b) Describe the roles of the QS in the complete risk management practice and relate how a proper risk management strategy can be beneficial to the client.
- (c) List the major principles of undertaking :-
- an interim valuation
 - the preparation of the Final Account.
- (a) *Bincangkan tentang peranan holistik JUB untuk proses pengurusan kos pasca-kontrak serta nyatakan perbezaan-perbezaan utama peranan-peranan JUB perunding dan JUB kontraktor.*
- (b) *Ulaskan peranan-peranan JUB dalam kegiatan pengurusan risiko yang lengkap dan kaitkan bagaimana suatu strategi pengurusan risiko yang wajar boleh memanfaatkan pihak klien.*
- (c) *Senaraikan prinsip-prinsip utama untuk menghasilkan:*
- *penilaian interim*
 - *penyediaan Akaun Muktamad*

(20 marks/markah)

- 7 -

6. (a) Discuss clearly how the 'green' and sustainability agenda has impacted the procurement process. Suggest a new and holistic procurement process incorporating green technology and sustainability.
- (b) In terms of collaborative integrated procurement systems, discuss the opportunities as to how the QS roles can be leveraged.
- (a) *Bincangkan dengan jelas bagaimana agenda 'green' dan 'sustainability' dapat memberi kesan terhadap proses pemerolehan. Sarankan suatu proses baru dan holistik yang boleh mengambilkira teknologi 'green' dan aspek kelestarian.*
- (b) *Dari sudut sistem pemerolehan yang berteraskan integrasi dan kolaboratif, bincangkan peluang-peluang yang boleh memanfaatkan peranan-peranan JUB.*

(20 marks/markah)

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